FILE NOTATIONS

Entered in NID File .....
Location Map Pinned .....
Card Indexed .....

Checked by Chief .....
Approval Letter 10-2-72
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....
WW..... WW..... TA.....
OW..... OS..... PA.....

Location Inspected .....
Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....
Electric Logs (No.) .....
E..... I..... Dual I Lat..... GR-N..... Micro.....
MIC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Patented

6. If Indian, Allottee or Tribe Name:

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name:

b. Type of Well: Oil Well [X] Gas Well [ ] Other — Single Zone [X] Multiple Zone [ ]

8. Farm or Lease Name: Ehrich

2. Name of Operator: Shell Oil Company (Rocky Mountain Division Production)

9. Well No.: 1-11B5

3. Address of Operator: 1700 Broadway, Denver, Colorado 80202

10. Field and Pool, or Wildcat: Altamont

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 2390' FNL and 1035' FEL Sec 11
At proposed prod. zone: SW SE NE

11. Sec., T., R., M., or Blk. and Survey or Area: SE/4 NE/4 Section 11-T 2S-R 5W

14. Distance in miles and direction from nearest town or post office*: 1 mile SE of Talmage, Utah

12. County or Parrish: Duchesne — 13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 1035' from sec line, 170' from property line

16. No. of acres in lease: 80

17. No. of acres assigned to this well: 640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: No other wells on lease

19. Proposed depth: 14,300'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 6830 GL (Ungraded)

22. Approx. date work will start*: Already spudded

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

As per attached drilling prognosis and certified survey plat.

Exception for topography under Order in Cause 139-3/139-4.

Verbal approval to drill was obtained from Sheree DeRose on September 15, 1972.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed K. R. Jordan Title Division Operations Engineer Date Sept. 25, 1972

(This space for Federal or State office use)

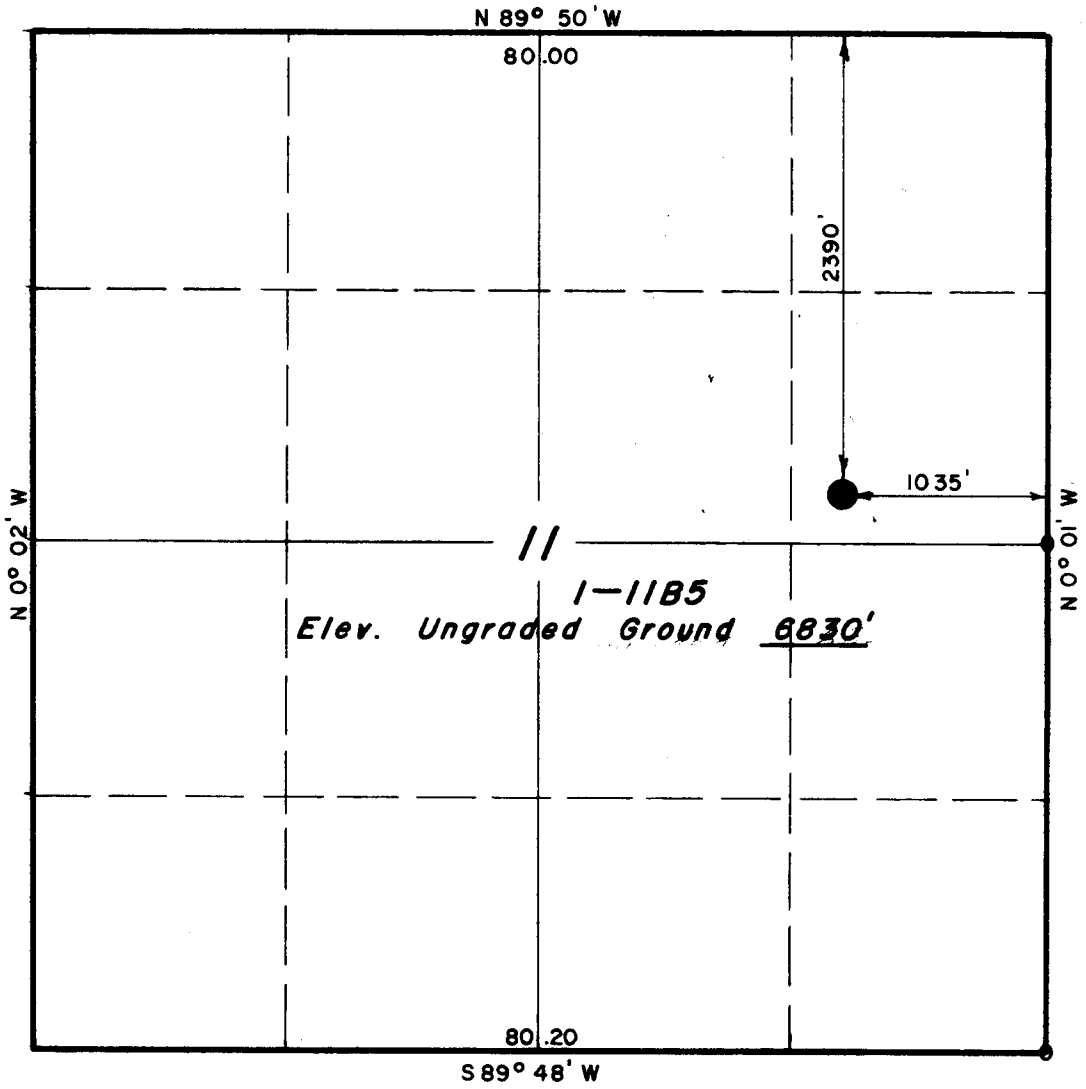
Permit No. 43-013-30157 Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side

T2S, R5W, U.S.B.&M.



O = SECTION CORNERS LOCATED (STONE)

PROJECT

SHELL OIL COMPANY

Well location, 1-1185, located as shown in the SE 1/4 NE 1/4 Section 11, T2S, R5W, U.S.B.&M. Duchesne County, Utah.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dave Stewart

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q – 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 29 JUNE, 1972
PARTY G.S. M.S. S.S.	REFERENCES GLO PLAT
WEATHER WARM	FILE SHELL OIL CO.

RM-51 (8-71)

DRILLING WELL PROGNOSIS

WELL NAME Ehrich 1-11B5
TYPE WELL Development
FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) 2390 FNL 1035 FEL NE¼ Section 11-T2S-R5W Duchesne Co., Utah

EST. G. L. ELEVATION 6830 PROJECTED TD 14,300 OBJECTIVE Wasatch Lake

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17½"	13 3/8"	300' or 50' through boulders			SAMPLES: Surface to 9,000': 30'; 9,000' to TD: 10' wet & dry
12¼"	9 5/8"	(thru casing)		TGR 1 5,320'	CORES: None
				7,100'	DST'S: None
					DEVIATION CONTROL: Dogleg severity not to exceed 1½° in any 100' interval
8 3/4"	7" to sfc	BHC-Sonic-GR-Cal; FDC-CNL; DIL	1° per 1,000'	TGR 3 9,920'	CEMENT: 13 3/8": Circulate to surface; 9 5/8": Bottom 1500' & bullhead; 7": Bottom 1500'; 5": Full length liner job
				Wasatch 11,450'	MUD: 0-10,750': water; 10,750'-TD: fresh water weighted, dispersed gel mud. Weight according to pressure gradient curve.
				11,800'*	
				Red Top 11,820'	
				Red Base 12,570'	
6 1/8"	5" Liner			Wasatch Lake 13,820'	
				TD 14,300'	*Contingent on available data

ORIGINATOR: Reiner DATE 9/20/72

ENGINEERING APPROVAL: [illegible]

PETROLEUM: [illegible]

OPERATIONS: [illegible] for KRT 9/21

OPERATIONS APPROVAL: J. R. Smith 9-20-72
DIV. DRILLING SUPT.

October 2, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Ehrich #1-11B5
Sec. 11, T. 2 S, R. 5 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4; with an exception to the permitted well location given due to topography.

It should be noted that the following mud system monitoring equipment must be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing the intermediate string or upon reaching a depth at which high pressures could occur:

(1) Recording mud pit level indicator to determine mud pit volume gains and losses. This indicator shall include a visual or audio warning device.

(2) Mud volume measuring device for accurately determining mud volumes required to fill the hole on trips.

(3) Mud return indicator to determine that returns essentially equal the pump discharge rate.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OCG-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to this request will be greatly appreciated.

The API number assigned to this well is 43-013-30157.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 2390' FNL and 1035' FEL Sec 11
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ehrich

9. WELL NO.: 1-11B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SE/4 NE/4 Section 11-T 2S-R 5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30157 DATE ISSUED: 10-2-72

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9-23-72	12-2-72	3-29-73	6830 GL, 6856 KB	28'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,200	14,106		→	Total	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Wasatch-Flagstaff 11,864-13,912

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, FDC/CNL-GR, BHCS-GR

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	300'	17½"	550 sx	0
9 5/8"	40#	7126'	12¼"	900 cu ft	0
7"	26#	10,770'	8 3/4"	976 cu ft	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	11,547	14,197	401 cu ft	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*): As per attachments

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
3-29-73	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-18-73	24	12/64"		806	1522	31	530

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
3000	0		806	1522	31	44.9° API

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Used on rig, heater treaters, and remainder flared

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Well Log and History, Csg and Cmtg Details

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED K. R. Jordan TITLE Division Operations Engr. DATE Aug. 17, 1973

*(See Instructions and Spaces for Additional Data on Reverse Side)

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. OIL WELL COMPLETE.
On 24-hr test, well flowed 806 BO, 31 BW and 1522 MCF gas on 12/64" chk w/3000 psi FTP and zero CP from Wasatch and Flagstaff perfs 11,864, 11,867, 11,890, 11,903, 12,043, 12,065, 12,115, 12,173, 12,281, 12,338, 12,380, 12,428, 12,432, 12,468, 12,599, 12,651, 12,661, 12,714, 12,751, 12,764, 12,769, 12,786, 12,797, 12,854, 12,919, 12,971, 13,038, 13,292, 13,367, 13,375, 13,560, 13,565, 13,599, 13,611, 13,674, 13,714, 13,750, 13,765, 13,778, 13,802, 13,854, 13,863, 13,875, 13,912.
Oil Gravity: 44.9° API @ 60°F.
Compl Test Date: 4/18/73. Initial Prod Date: 3/29/73.
Elev: 6830 GL, 6856 KB.
Log Tops:

TGR-3	9,915'	(-3059)
UPPER WASATCH TRANSITION	11,450'	(-4594)
LOWER WASATCH TRANSITION	12,700'	(-5844)
FLAGSTAFF	12,900'	(-6044)

This well was drilled for routine development.
FINAL REPORT. APR 19 1973

CASING AND CEMENTING

FIELD ALTAMONT WELL EHRICH 1-11B5 KB TO CHF --

Ran 61 jts 5" 18# N-80 liner to 14,197

JTS	WT	GRADE	SF	NEW	FEET	FROM	TO
61	18#	N-80	X	X	2650	11,547	14,197

61 jts TOTAL

Burns liner hanger top at 11,547

Howco diff shoe at 14,197

Howco diff collar at 14,109

Cementing

Cemented w/401 cu ft Class "G", 30% silica flour, 1.5% D-31, and +49# R-5 (slurry 15.6-16 ppg). Full circ. Did not bump plug. CIP 4:30 PM 12-6-72. Centralized as per prog.

H. W. CURTIS

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Ehrich 1-11B5

Job: 7 " O.D. Casing/Liner. Ran to 11,770 feet (KB) on 11-4, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
18	26#	P-110			756±	CHF	
260	26#	S-95			11,014±		

278 jts TOTAL

Casing Hardware:

Float shoe and collar type Hal diff fill shoe at 11,770, collar at 11,680

Centralizer type and product number

Centralizers installed on the following joints

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type . Caliper volume ft^3 + excess over caliper ft^3 + float collar to shoe volume ft^3 + liner lap ft^3 + cement above liner ft^3 = ft^3 (Total Volume).

Cement:

Preflush—Water bbls, other Volume bbls

First stage, type and additives BJ lite . Weight 12.5 lbs/gal, yield ft^3/sk, volume 656 cu ft/sx. Pumpability hours at °F.

Second stage, type and additives Class "G" treated w/1% D-31 and .1% R-5 . Weight 15.9 lbs/gal, yield ft^3/sk, volume 320 cu ft/sx Pumpability hours at °F.

Cementing Procedure:

Rotate/reciprocate

Displacement rate 5 B/M

Percent returns during job

Did not bump plug at AM/PM with psi. Bled back bbls. Hung csg with lbs on slips.

Remarks:

Lost 150 bbls mud while cementing and displacing.

Drilling Foreman H. W. CURTIS

Date 11-4-72

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Ehrich 1-11B5

Job: 9 5/8 " O.D. Casing/Liner. Ran to 7126 feet (KB) on 10-13, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28.0	KB	CHF
167	40#	K-55	ST&C	X	7148	CHF	7126

Casing Hardware:

Float shoe and collar type Hal diff fill float shoe and collar

Centralizer type and product number

Centralizers installed on the following joints Shoe and 80' intervals

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type . Caliper volume ft^3 + excess over caliper ft^3 + float collar to shoe volume ft^3 + liner lap ft^3 + cement above liner ft^3 = ft^3 (Total Volume).

Cement:

Preflush—Water 600 bbls, other Volume bbls

First stage, type and additives 700 CF 1:1 Diamix "M", 4% gel . Weight 13 lbs/gal, yield 700 ft^3/sk, volume sx. Pumpability 4 hours at 130 °F.

Second stage, type and additives 200 CF Class "G" Neat . Weight 15.8 lbs/gal, yield 200 ft^3/sk, volume sx. Pumpability 4 hours at 130 °F.

Cementing Procedure:

Rotate/reciprocate

Displacement rate 8 B/M

Percent returns during job None

Bumped plug at 6 AM/PM 10-13-72 psi. Bled back 2 bbls. Hung csg with 230,000 lbs on slips.

Remarks:

Washed last 3 jts to bottom

Pumped 300 sx treated w/3% CaCl2 in 13 3/8"-9 5/8" annulus. 0 pressure.

Drilling Foreman H. W. Curtis

Date 11-14-72

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Ehrich 1-11B5

Job: 13 3/8 " O.D. Casing/Liner. Ran to 300 feet (KB) on 9-23, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28.0	KB	CHF
						CHF	
8	68#	K-55	ST&C	X	317.04		300.00

8 jts TOTAL

Casing Hardware:

Float shoe and collar type Howco guide shoe

Centralizer type and product number B & W

Centralizers installed on the following joints 6, 7, 8, 9, 10 at cplgs

Other equipment (liner hanger, D.V. collar, etc.) Baffle plate at 259.57 Howco

Cement Volume:

Caliper type _____. Caliper volume _____ ft^3 + excess over caliper _____ ft^3 + float collar to shoe volume _____ ft^3 + liner lap _____ ft^3 + cement above liner _____ ft^3 = _____ ft^3 (Total Volume).

Cement:

Preflush—Water 40 bbls, other _____ Volume _____ bbls

First stage, type and additives 550 sx Class "G" Neat containing 3% CaCl2 . Weight 15.8 lbs/gal, yield 1.15 ft^3/sk, volume _____ sx. Pumpability 4+ hours at _____ °F.

Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____ ft^3/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____

Displacement rate _____

Percent returns during job 9-24-72

Bumped plug at 2:15 AM/PM with 450, up to 700 psi. Bled back 1/2 bbls. Hung csg with 55,000 lbs on slips. 9-24-72

Remarks:

Good returns throughout cementing procedures. Cement circulated.

Drilling Foreman K. Payne

Date 9-24-72

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, well flowed 861 BO, 36 BW and 1638 MCF gas on 12-10/64" chk w/3450 psi FTP and zero CP. APR 10 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, flowed 626 BO, 11 BW and 1329 MCF gas on 10/64" chk w/3300 psi FTP and zero CP. APR 11 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, flowed 871 BO, 41 BW and 1660 MCF gas on 10-12/64" chk w/3300 psi FTP and zero CP. APR 12 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, flowed 823 BO, 31 BW and 1667 MCF gas on 12/64" chk w/3150 psi FTP and zero CP. APR 13 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr tests, flowed as follows:
Report APR 16 1973

Date	BO	BW	MCF Gas	Chk	FTP	CP
4/14	641	23	869	12/64"	3200	0
4/15	879	44	1698	12/64"	3100	0
4/16	910	44	1698	12/64"	2400	0

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, flowed 907 BO, 39 BW and 1698 MCF gas on 12/64" chk w/3000 psi FTP and zero CP. APR 17 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 18-hr test, well flowed 657 BO, 21 BW and 974 MCF gas on 12/64" chk w/ 3000 psi FTP and zero CP. APR 18 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. (RRD 1/22/73) Flowing. On various tests, well flowed as follows:

APR 2 1973

Report Date	Test Date	BO	BW	MCF Gas	Chk	FTP	CP	Hrs
3/31	3/29	311	0	1071	10/64	4000	0	17
4/1	3/30	476	44	-	10/64	?	?	24
4/2	3/31	567	49	1071	10/64	4000	0	24

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On various tests, flowed as follows:

APR 3 1973

Test Date	Hrs	BO	BW	MCF Gas	Chk	FTP	CP
4/1	8*	214	14	357	10/64"	4000	0
4/2	24	593	35	1722	10/64"	3950	0

*Note: Change in gauging time caused short producing hours.

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, flowed 751 BO, 43 BW and 2117 MCF gas on 12/64" chk w/3750 psi FTP and zero CP. APR 4 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, flowed 1158 BO, 52 BW and 2117 MCF gas on 12/64" chk w/3750 psi FTP and zero CP. APR 5 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr test, flowed 799 BO, 46 BW and 367 MCF gas on 12/64" chk w/3300 psi FTP and zero CP. APR 6 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Flowing. On 24-hr tests, well flowed as follows:

APR 9 1973

Report Date	BO	BW	MCF Gas	Chk	FTP	CP
4/7	941	42	2627	12/64"	3500	0
4/8	935	71	2548	12/64"	3500	0
4/9	944	44	1192	12/64	3400	0

(Continued)

1/15: SI for BHP. Flowed to pit 5 hrs on 64/64" chk, w/TP from 960 to 880 psi. Flowed est 900 BO and 75 BW w/rate of 3 MMCF gas/day. Last 2 hrs, press dropped 40 psi/hr. Last hr flowed est 200 BO and 10 BW. Chks and TP as follows:

Choke	TP	Choke	TP
64/64"	880	24/64"	2710
54/64"	1100	14/64"	3450
44/64"	1470	4/64"	3770
34/64"	2020	SITP	3900

RU and ran tandem bombs w/168-hr clock to 13,000'. On btm w/bomb @ 4 PM. TP 4400 psi. Will pull bombs @ 1 PM, 1/21/73. JAN 15 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. SI for BHP. JAN 16 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. SI for BHP. JAN 17 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. SI for BHP. JAN 18 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. SI for BHP. JAN 19 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. SI, WO prod facilities. Pulled BHP bomb, making stops @ 13,200 and 12,800. After bomb on btm 165 hrs, press 7542 psi; after 155 hrs, press 7948 psi. TP 4800 psi. (RDUFA). JAN 22 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. RD&MO Western Oilwell Service. Latched onto pkr and tested tbg to 7500 psi for 1 hr, OK. Had 2000# set-down wt on pkr. Prod eqmt details as follows: (all tbg 2-7/8") 1 jt tbg, one 6', 8' and 10' x 2-7/8" tbg sub, 173 jts tbg, Camco KBM mandrel #HN-37 @ 5512, 190 jts tbg, Camco KBM mandrel #HN-41 @ 11,419, 3 jts tbg, 6' x 2-7/8" tbg sub, Baker on-off tool, anchor seal assembly w/two seal units, 30' x 2-7/8" NU 10rd prod tube, Baker Model "B" plug holder. All threads Baker sealed. Installed BPV, removed BOP, installed 10,000# tree and tested to 10,500 psi, OK. JAN 11 1973
Addition to 1/8 report: Ran 138 jts 5½" heat string (tally 4465').

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Prep to perf. Released Western Oilwell Service 7 PM, 1/10/73. Finished MO Western. MI&RU Schl. JAN 12 1973

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106.
1/13: Perforating and prep to stim. Perf'd one hole @ each of the following depths using unidirectional magnetic decentralized steel tbg carrier gun w/Hyperjet charges: Run #1: 11,864, 11,867, 11,890, 11,903, 12,043, 12,065, 12,115, 12,173, 12,282, 12,338, 12,380, 12,428, 12,432, 12,468, 12,599, 12,651, 12,661, 12,714. Press from 450-960 psi. Run #2: 12,751, 12,764, 12,769, 12,786, 12,797, 12,854, 12,919, 12,971, 13,038, 13,292, 13,367, 13,375, 13,560, 13,565, 13,599, 13,611. Press from 1440-2860 psi.
1/14: Prep to flow to pit to clean up. TP 3100 psi. Finished perf'g as follows: Run #3: 13,674, 13,714, 13,750, 13,765, 13,778, 13,802, 13,854, 13,863, 13,875, 13,912. Press from 3550-3400 psi. RD Schl. RU B-J and AT gross perfs 11,864-13,912 w/25,000 gal 15% HCl. Evenly distributed fifty-three 7/8" ball sealers w/1.4 gravity throughout acid. Each 1000 gal acid contained 20# G-5, 3 gal C-15, 3# G-7, and 3 gal J-22. Flushed w/5500 gal FW w/each 1000 gal containing 165# NaCl and 20# G-5. Max press 9900 psi, avg 7200 psi, min 6600 psi. Max rate 10 B/M, avg 8 B/M, avg 5 B/M. ISIP 5300 psi decr to 5000 psi in 5 min, to 4600 psi in 10 min, to 4300 psi in 15 min, to 4000 psi in 20 min. With 646 bbls pmpd in and press @ 9900 psi, SD for 5 min to let soak. Pmpd remainder of flush @ 7 B/M rate w/7000 psi. Had good ball action w/numerous breaks w/ball action.

(Continued)

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Prep to pull heat string. Ran 4500' of 5½" 14# K-55 ST&C csg. Installed BPV, removed BOP's, installed and tested 10" 5000 x 6" 5000 psi tbg hanger. Installed BOP's, removing same and tbg hanger. Installed and tested BOP's and removed BPV. JAN 4 1973

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Going in hole w/mill and tbg. Laid down 4500' of 5½" 14# heat string. Changed rams in BOP's. Picked up Baker pkr milling tool, bumper subs, jars, six 3½" DC's and 6000' of 2-7/8" tbg. JAN 5 1973

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106.
1/6: Pulling tbg and pkr. Finished running tbg. RU power swivel and started milling on pkr @ 2 PM, using FW. Cut pkr free @ 6 PM. Cut and worked out of collar @ 8 PM. Started pulling tbg. JAN 8 1973
1/7: Picking up 5½" heat string. Pulled tbg, laid down DC's, jars and mills. Rec'd pkr - rubber missing. RU Archer Reed and ran slick line to btm. RD Archer Reed. RU Schl and ran Baker Model "D" pkr w/flapper set @ 11,530. RD Schl.
1/8: Installing new tbg spool. RU csg crew and picked up 5½" 14# K-55 heat string w/Type I special clearance cplgs w/tail to 4500'. Removed BOP, installed 10" 5000 x 6" 5000 tbg spool. Installed BOP. Could not pack off tbg spool. Prep to pull BOP and tbg spool.

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Running prod eqmt. Removed BOP and tbg spool. Installed new tbg spool, installed BOP and tested to 5000 psi. Removed BPV and started picking up prod eqmt, testing to 7500 psi going in hole. JAN 9 1973

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Prep for 1-hr test. Went in hole w/prod eqmt and tested to 7500 psi. Spaced out, jayed off on-off connector, displaced wtr w/inhib wtr and displaced tbg w/2% NaCl. JAN 10 1973

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
5" liner @ 14,197'

12/9: 14,200/95/78/0. PB 14,106. Tripping in w/RTTS. Picked up 2-7/8" DP and DC's. DO thru liner hanger and ran to 14,106. Press tested liner and lap to 1500 psi. Mud: (gradient .785) 15.1 x 42 x 36.0
12/10: 14,200/95/79/0. PB 14,106. Laying down DP. Set pkr @ 11,458. Displaced mud w/wtr to 11,350. Set pkr and conducted 30 min inflow test, OK. Set pkr @ 8600' and tested csg to 2500 psi. Set pkr @ 5700' and tested csg to 3500 psi. Set pkr @ 2800' and tested csg to 4500 psi. All tests 15 min.
12/11: 14,200/95/80/0. PB 14,106. Tearing out BOP's. Finished laying down DP. DEC 1 1 1972

Shell-Ehrich 1-11B5
(D)
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. MORT. Installed prod head and BPV. Released rig @ 5 PM, 12/11/72. (RDUFA) DEC 1 3 1972

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. (RRD 12/12/72) RU. MI Western Oilwell Service 12/28/72 and started RU. DEC 2 9 1972

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106.
12/30: Picking up tbg. Finished MI&RU Western. Installed BOP and tested to 5000 psi. Picked up 4-1/8" bit, 2588' of 2-7/8" tbg work string, 7" csg scraper and 2000' of 2-7/8" new tbg.
12/31: Picking up tbg and breaking hvy gel, circ out. Hit bridge @ 10,847, broke circ w/4000 psi. CO to 12,184 and circ out hvy gel mud w/FW. JAN 3 1973
1/1: Picking up tbg - circ out hvy gel and bar. Picked up tbg, CO to 13,858.
1/2: Pulling tbg, prep to log. CO to 14,106. Circ hole clean, tested for inflow, OK. Press tested csg to 4000 psi, OK. Sptd 64 bbls 2% salt wtr on btm and started pulling tbg.

Shell-Ehrich 1-11B5
(D) Western Oilwell
14,200' Wasatch Test
5" liner @ 14,197'

TD 14,200. PB 14,106. Running heat string. Laid down 60 jts 2-7/8" tbg. RU Schl and tested lubricator. Ran CBL, VDL and PDC logs, running CBL under 3000 psi. Top of cmt @ 11,514. Set Baker Model "D" prod pkr @ 11,105. RD Schl. JAN 3 1973

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

12/2: 14,158/95/71/162. Drilling. Recovered full returns after pmpg pill. Lost no mud. Background gas: 150 units. Connection gas: 250 units.
Mud: (gradient .780) 15.0 x 40 x 10.4 (12.3% LCM)
12/3: 14,200/95/72/42. RD loggers, prep to trip in hole w/bit. Cond mud, round-tripped 15 stds pipe in hole w/hole not taking proper amt of mud. Circ and tripped out w/hole taking approx 40 bbls over calc displacement. Hole remained stable while logging - bridge @ 12,196. Left dia bit and dia stab in hole - twistef off. Top of fish @ 14,197. RD loggers and prep to run in hole w/bit. Background gas: 150-250 units. Connection gas: 450-500 units.
Mud: (gradient .780) 15.1 x 40 x 10.4 (12.3% LCM)
12/4: 14,200/95/73/0. Logging. Tripped in hole w/ bit, breaking circ @ 10,000'. Circ and cond mud. RU loggers and ran DIL to 13,840 - tool malfunctioned and would not go to btm. Tagged fish while in hole and cond mud. Background gas: 90-100 units. Trip gas: 900-1100 units.
Mud: (gradient .785) 15.1 x 40 x 10.8 (9.2% LCM)

DEC 4 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

14,200/95/74/0. Tripping in hole w/overshot, bumper sub and jars to cond hole and attempt to rec bit. Finished logging. Ran BHC-GR, FDC/CNL-GR and DIL from 11,770-14,156.

DEC 5 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

14,200/95/75/0. Going in hole. Circ and cond mud. Pulled out of hole - did not rec fish. Made up 5" liner and started in hole.

DEC 6 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
5" liner @ 14,197'

14,200/95/76/0. CO cmt @ 10,520. Finished running in hole w/liner. Ran 61 jts 5" 18# N-80 liner w/Howco diff shoe @ 14,197, FC @ 14,109 and Burns liner hanger top @ 11,547. Cmtd w/401 cu ft Class "G" w/30% silica flour, 1.5% D-31 and +49# R-5 (slurry 15.6-16 ppg). Full circ. Did not bump plug. CIP @ 4:30 PM, 12/6/72. Top of cmt @ 10,150. Left 6-1/8" dia bit and stab below liner shoe.
Mud: (gradient .781) 15.1 x 45

DEC 7 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
5" liner at 14,197'

14,200/95/77/0 Pulling out of hole. CO cmt from 10,520-11,547. Tested lap to 1500 psi.

DEC

(Continued)
11/26: 13,584/95/65/100. Drilling. Sptd two LCM pills and regained circ. Lost 340 bbls mud. Background gas: 200-300 units. Connection gas: 1200 units. Downtime gas: 1200 units. NOV 27 1972
Mud: (gradient .780) 15.0 x 41 x 13.6 (16% LCM)
11/27: 13,700/95/66/116. Drilling. Sptd LCM pill @ 13,626 and regained circ. Lost 130 bbls mud. Background gas: 100 units. Connection gas: 200 units.
Mud: (gradient .780) 15.0 x 41 x 12.4 (14.2% LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

13,710/95/67/10. Circ and cond mud. Pulled out of hole @ 13,710, leaving dia bit in hole. Pin connector broke off. Made up taper tap, bumper sub and jars. Broke circ @ 10,000, 12,000 and 13,700. NOV 28 1972
Mud: (gradient .780) 15.0 x 41 x 12.4 (14.2% LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

13,718/95/68/8. Drilling. Circ and cond GCM. Tripped out w/fish and went back in hole, breaking circ @ 11,700. Background gas: 400-500 units. Trip gas: 3200 units.
Mud: (gradient .785) 15.1 x 46 x 10.4 (18% LCM) NOV 29 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

13,856/95/69/138. Drilling. Background gas: 150-200 units. Connection gas: 400-500 units. NOV 30 1972
Mud: (gradient .780) 15.0 x 43 x 12.4 (11.2% LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg at 11,770'

13,996/95/70/140 Pumping pill; no returns. Lost circ at 13,996. Background gas - 80-100 units, connection 200-250 units.
Mud: (.780) 15 x 42 x 12.4 (LCM 11.2%) DEC 1 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg @ 11,770'

12,758/95/56/87. Drilling. NOV 17 1972
Mud: (gradient .676) 13.0 x 40 x 9.6 (15.2% LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg @ 11,770'

11/18: 12,851/95/57/93. Drilling. No mud loss.
Background gas: 5 units. Connection gas: 15-20 units.
Mud: (gradient .707) 13.6 x 40 x 10.2
11/19: 12,942/95/58/91. Drilling.
Mud: (gradient .723) 13.9 x 40 x 9.6 (7.6 #/bbl LCM)
11/20: 13,022/95/59/80. Drilling. Lost 180 bbls mud @ 12,948. Spotd 100 bbl LCM pill. Let set 1 hr, regaining full circulation. NOV 20 1972
Mud: (gradient .728) 14.0 x 40 x 10.4 (19.1 #/bbl LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

13,120/95/60/98. Drilling. Background gas: 5 units.
Connection gas: 60 units.
Mud: 14.5 x 45 x 12.4 (13.7% LCM) NOV 21 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

13,164/95/61/44. Drilling. Tested BOP's to 5000 psi. Tripped for new bit @ 13,128. Had gas show @ 13,140' w/2800 units gas. Trip gas: 3000 units.
Mud: (gradient .754) 14.5 x 41 x 10.4 (13.7% LCM) NOV 22 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,200' Wasatch Test
7" csg @ 11,770'

11/23: 13,258/95/62/94. Drilling. Spotd two 100-bbl LCM pills @ 13,159 w/no initial returns, then getting full returns. Had drlg show @ 13,236' w/3000 units gas. Lost 500 bbls mud last 24 hrs. Off btm gas after regaining circ: 3000 units. Connection gas: 3000-4000 units. Background gas: 2000 units.
Mud: (gradient .764) 14.7 x 41 x 10.4 (14.6% LCM)
11/24: 13,385/95/63/127. Drilling. Had drlg break and show @ 13,370-13,386 w/1100 units. gas. Spotd three LCM pills and circ out GCM. Lost 300 bbls mud. Background gas: 500 units. Connection gas: 900 units.
Mud: (gradient .770) 14.8 x 43 x 15.2 (39.7% LCM)
11/25: 13,484/95/64/99. Circ and cond mud. Spotd LCM pill regaining partial returns @ 13,427. Spotd 2nd LCM pill and regained full returns @ 13,427. Lost 215 bbls mud.
Mud: (gradient .755) 14.9 x 45 x 13.4 (28.8% LCM)
(Continued)

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" casing at 11,770'

11,847/95/47/57 Pulling out of hole.
Mud: (.572) 11 x 40 x 11.6 (LCM 5.9%) NOV 8 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg at 11,770'

11,941/95/48/94 Drilling. Tripped and circ into hole at 8,000 and 11,700.
Mud (.577) 11.1 x 43 x 10 (LCM %%) NOV 9 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg at 11,770'

12,083/95/49/142 Drilling.
Mud: (.582) 11.2 x 45 x 10.0 (LCM 3.7%) NOV 10 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg at 11,770'

11/11: 12,202/95/50/119 Drilling.
Mud: (.593) 11.4 x 40 x 8.8 (LCM 4.8%)
11/12: 12,300/95/51/98 Drilling. Show at 12,240 700 units, trip gas 380 units, connection 240-80 units, background - 20.
Mud: 11.5 x 40 x 11.6 (LCM 5.3) NOV 13 1972
11/13: 12,440/95/52/140 Drilling.
Mud: (.614) 11.8 x 40 x 11.6 (LCM 4)

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg at 11,770'

12,492/95/53/52 Drilling. Background gas - 5 units, connection 25 units, trip 110 units.
Mud: 12.1 x 40 x 10.4 (LCM 4.8#/bbl) NOV 14 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg at 11,770'

12,609/95/54/117 Drilling.
Mud: (.650) 12.5 x 43 x 10.2 (LCM 5.2%)
(Oil Trc) NOV 15 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg @ 11,770'

12,671/95/55/62. Drilling. Lost complete returns @ 12,659. Spt'd 100 bbl pill w/15#/bbl med walnut and 10#/bbl fine, chasing pipe. Pulled to shoe and filled hole w/27 bbls wtr; let set 1 hr. Broke circ, regaining full returns. Lost 300 bbls mud.
Mud: 12.7 x 40 x 8.4 (17.3% LCM) NOV 16 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

11,684/95/39/119. Drilling. Lost 175 bbls mud.
Background gas: 10 units w/peaks of 50 units. OCT 31 1972
Mud: (gradient .551) 10.6 x 41 x 12.4 (15% LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

11,713/95/40/29. Drilling. Dev: 2½° @ 11,708.
Worked tight pipe 2 hrs. Sptd pill. Tripped for bit @ 11,708. Reamed 60' to btm. NOV 1 1972
Mud: (gradient .551) 10.6 x 39 x 12.4 (15% LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

11,785/95/41/72. Tripping out to log. Circ btms up.
Pmpd pill and started tripping out. Lost 35 bbls mud.
Background gas: 10-20 units, peaking to 400 units.
Mud: (gradient .551) 10.6 x 40 x 8.8 (15% LCM) NOV 2 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

11,777/95/42/0. Cond hole prior to running csg. Made SLC: 11,785 = 11,777. Ran logs as follows: DIL, FDC/CNL-GR, BHCS-GR. Logger's depth: 11,775. Tripped in, breaking circ @ 7500 and 10,000. Reamed 45' to btm and worked jk sub and cond mud. Background gas: 10-20 units. Btms up trip gas: 1500 units. NOV 3 1972
Mud: (gradient .551) 10.6 x 40 x 8.8 (15% LCM)

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg at 11,770'

11/4: 11,777/95/43/0 Running 7" casing. Cond hole. Laid down DP. Broke kelly, changed BOP's, rams. Background gas - 10-20 units.
11/5: 11,777/95/44/0 Nippling up. Ran and cemt'd 18 jts P-110 and 260 jts S-95 26# 7" csg w/float shoe at 11,770 w/656 cu ft BJ lite (12.5# slurry) followed by 320 cu feet Class "G" (15.9# slurry) treated w/1% D-31 and .1% R-5. Ran 40 cu feet wtr ahead, 60 cu ft wtr behind plug. Lost 150 bbls mud while cemt'g. Did not bump plug. CIP 9:30 PM. NOV 6 1972
11/6: 11,777/95/45/0 Singling in 3½" DP. Nippled up. Tested BOP's, chk manifold, mud lines to 5,000 psi. Tested hydril to 3,000 psi.

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
7" csg at 11,770'

11,790/95/46/13 Tripping.
Singled in 3½" DP. CO cmt, baffle and shoe at 11,665-11,770. Tested csg to 3,000 psi.
Drld to 11,790. NOV 7 1972
Mud: 10.8 x 37

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

8180/95/27/336. Drilling. Dev: 2¼° @ 8165. Tripped in hole w/new bit, washing 60' to btm - no fill.
Mud: Wtr (gradient .433) OCT 19 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

8640/95/28/460. Drilling.
Mud: Wtr (gradient .433) OCT 20 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

10/21: 9115/95/29/475. Drilling.
Mud: (gradient .433) 8.3 x 27
10/22: 9496/95/30/381. Drilling. Tripped for new bit @ 9294.
Mud: Wtr OCT 23 1972
10/23: 10,033/95/31/537. Drilling.
Mud: Wtr

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

10,561/95/32/528. Tripping for bit. OCT 24 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

10,855/95/33/294. Drilling. Finished trip in w/new bit. Lost 100 bbls mud. Raised mud to 9.0 ppg.
Mud: (gradient .468) 9.0 x 38 x 11.2 (2% LCM) OCT 25 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

11,018/95/34/163. Tripping in hole w/new bit. Sptd LCM slug. Lost 250 bbls mud.
Mud: (gradient .484) 9.3 x 43 OCT 26 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

11,197/95/35/179. Spotting LCM pill. Finished trip in hole w/new bit. Reamed 30' to btm. Lost 95 bbls mud. Started sptg LCM pill.
Mud: (gradient .499) 9.6 x 39 x 11.2 (5.6% LCM) OCT 27 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

10/28: 11,361/95/36/164. Drilling. Finished mixing and sptg LCM pill. Drld w/reduced pump. Lost 480 bbls mud last 24 hrs.
Mud: (gradient .525) 10.1+ x 39 x 14.0 (15% LCM)
10/29: 11,468/95/37/107. Tripping in hole w/new bit. Lost 480 bbls mud last 24 hrs.
Mud: (gradient .536) 10.3 x 40 x 14.0 (9.2% LCM)
10/30: 11,565/95/38/97. Drilling. Lost 165 bbls mud.
Mud: (gradient .551) 10.6 x 38 x 12.8 OCT 30 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

7128/95/19/133. Unplugging bit. Sonic log stopped @ 5306'. Laid down 9" DC's and ran in w/multishot. Reamed from 6980-7035, plugging bit. OCT 1 1 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

7128/95/20/0. Prep to CO bridge @ 5650. Unplugged bit. Reamed bridges @ 5950-6135 and 6857. Washed from 6890-7128. Pulled 20 stds for short trip w/bit stopping 16 stds off btm. OCT 1 2 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

7128/95/21/0. RU to run 9-5/8" csg. CO and washed bridges and fill from 5650-7128. Swept hole w/ Visbestos-gel-wtr pill. Sptd 450± bbls Visbestos and gel on btm. Made 20-std short trip and pulled out of hole.
Mud: Wtr-foam-air OCT 1 3 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

10/14: 7128/95/22/0. Nippling up. Ran 167 jts 9-5/8" K-55, ST&C 40# csg w/Halliburton diff fill shoe @ 7126 and collar @ 7058. Washed last 3 jts to btm w/partial circ. Cmtd csg w/700 cu ft 1:1 Diamix "M" w/4% gel, followed by 200 cu ft Class "G" Neat, using top and btm plugs. Did not bump plug. CIP @ 6 PM, 10/13.
10/15: 7128/95/23/0. Testing BOP's. Finished nippling up BOP's and tested same.
10/16: 7260/95/24/132. Drilling. Pmpd 300 sx Class "G" treated w/3% $CaCl_2$ in 13-5/8 x 9-5/8 annulus w/zero press. Tested mud lines and valves to 5000 psi, OK. Tripped in hole, broke circ and tested 9-5/8" w/1500 psi, OK. Top of cmt @ 6929'. Drld cmt, plug and FC and tested to 1500 psi, OK. Drld cmt to 7110 and tested 9-5/8" to 1500 psi, OK. Drld cmt and shoe .
Mud: Wtr OCT 1 6 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

7480/95/25/220. Drilling. Reamed 120' to btm.
Mud Wtr (.433) OCT 1 7 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
9-5/8" csg @ 7126'

7844/95/26/364. Drilling.
Mud: Wtr (gradient .433) OCT 1 8 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

9/30: 2696/95/8/500. Foam-wtr drilling. Dev: 1° @ 2385. Tripped for new bit @ 2445. Reamed tight hole from 2345-2445.
Mud: Wtr-air-soap
10/1: 3187/95/9/491. Foam-wtr drilling. Dev: 3/4° @ 3150. Tripped for new bit @ 2915. Reamed from 2855-2915.
10/2: 3540/95/10/353. Making repairs. Dev: 1° @ 3436. Tripped for new bit @ 3442 and dressed reamer. Reamed 60' to btm. OCT 2 1972
Mud: Wtr-air-soap

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

4104/95/11/564. Foam-wtr drilling. Dev: 1° @ 3650.
Mud: Wtr-air-soap OCT 3 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

4590/95/12/486. Foam-wtr drilling. Dev: 1° @ 4100'.
Mud: Wtr-air-soap OCT 4 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

4945/95/13/355. Foam-wtr drilling. Dev: 1/2° @ 4600'. Tripped for bit @ 4751. Reamed 60' to btm. OCT 5 1972
Mud: Wtr-air-soap

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

5625/95/14/680. Drilling. Dev: 3/4° @ 5500'.
Mud: Wtr and air OCT 6 1972

Shell-Ehrich 1-11B5
(D) Parker @117
14,300' Wasatch Test
13-3/8" csg @ 300'

10/7: 5945/95/15/320. Drilling. Tripped for new bit @ 5791.
Mud: (gradient .433) 8.3 x 27
10/8: 6405/95/16/460. Tripping for new bit. OCT 9 1972
Mud: Air-wtr-foam
10/9: 6760/95/17/355. Drilling. Reamed 110'.
Mud: Air-wtr-foam

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

6995/95/18/235. Drilling. Reamed to btm.
Mud: Air-foam-wtr OCT 10 1972

OIL WELL — ALTAMONT

SHELL OIL COMPANY — LEASE EHRICH — WELL NO. 1-11B5

DIVISION ROCKY MOUNTAIN — ELEV 6856 KB

FROM: 9-25-72 - 4-19-73 — COUNTY DUCHESNE — STATE UTAH

MAY 1 7 1973

UTAH

ALTAMONT

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test

"FR" Located 2390' FNL and 1035' FEL (SE/4 NE/4) Section 11-T2S-R5W, Duchesne County, Utah.
Elev: 6830 GL (ungraded)
Shell Working Interest: 100%
Drilling Contractor: Parker Drilling
This is a routine Wasatch development test.
9/23: 88/98/1/88. Drilling. Spudded well @ 1:30 AM, 9/23/72.
Mud. (gradient .462) 8.9 x 45 x 9.0
9/24: 300/98/2/212. WOC, prep to cut off csg and weld hd. Dev: 1/4° @ 125', 1/2° @ 230'. Ran 8 jts (317.04') 13-3/8" 68# ST&C csg to 300' and cmtd w/550 sx Class "G" containing 3% $CaCl_2$. Good returns. Cmt circ. Plug down @ 2:15 AM, 9/24. Baffle plate @ 259.57'. KB to CHF = 28'.
Mud: Wtr
9/25: 300/98/3/0. Testing BOP stack. Nippled up BOP stack on 9/24.
Mud: Wtr. SEP 2 5 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

510/98/4/210. Drilling. Dev: 1/4° @ 300'. Tested BOP's, Hydril, chk lines, manifold and upper and lower kelly valves. Drld plug, float insert and cmt plug @ 257'. Tripped @ 380' and picked up shock sub and IBS.
Mud: Wtr SEP 2 6 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

798/98/5/288. RU to air drill. Dev: 3/4° @ 550' and 1° @ 750'. Lost returns while drlg @ 798'. Pulled up into csg. RU Grant rotating head, blooie line and air compressors. SEP 2 7 1972
Mud: Wtr

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

1380/95/6/582. Foam-wtr drilling. Finished RU air compressor. Tripped in hole w/no fill-up and attempted to get circ. Dev: 3/4° @ 1000' and 1/4° @ 1250'.
Mud: 1200 CF/M air, 250 G/M wtr SEP 2 8 1972

Shell-Ehrich 1-11B5
(D) Parker #117
14,300' Wasatch Test
13-3/8" csg @ 300'

2196/95/7/816. Foam-wtr drilling. Dev: 1/4° @ 1485, 3/4° @ 1698 and 1950 and 1/2° @ 2150. Tripped for new bit @ 1715.
Mud: Wtr-air-soap SEP 2 9 1972

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2390' FNL & 1035' FEL Section 11

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ehrich

9. WELL NO.: 1-11B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE/4 NE/4 Section 11-T2S-R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6856 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Sept. 30, 1976

BY: P. L. Driscoll

See attachment

RECEIVED
SEP 29 1976
DIVISION OF OIL, GAS, & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Bruemmer TITLE Div. Opers. Engr. DATE 9/24/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

*See Instructions on Reverse Side

PERF & STIM — ALTAMONT

SHELL OIL COMPANY — LEASE EHRICH — WELL NO. 1-11B5

DIVISION WESTERN — ELEV 6856 KB

FROM: 6/3/76 - 9/24/76 — COUNTY DUCHESNE — STATE UTAH

UTAH
ALTAMONT

Shell-Ehrich 1-11B5
(Perf & Stim)

"FR" TD 14,200. PB 14,106. AFE #418617 provides funds to pull tbg & heat string, mill out pkr, CO to 14,106, perf & stim. MI&RU Western #17 6/1. SITP 500 psi; bled to 0 in 5 mins. Installed BVP, removed tree & installed & tested BOP's. Unlatched from Model D pkr & started POOH. SI overnight. 6/2 Fin'd POOH w/prod tbg. Installed BPV in 5-1/2 csg donut. Removed BOP's & spool. MI&RU csg crew & pulled 5-1/2 heat string. Prep to pull pkr. SI overnight.

JUN 0 3 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. POOH w/pkr & tbg. Milled on pkr 2 hrs & pkr appeared to come free. Circ'd hole 1 hr. SI overnight.

JUN 0 4 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. 6/4 POOH w/pkr; latches from pkr gone. RIH w/mill & WP & tag'd fill @ 13,290. SI overnight. 6/5 CO 4' in 5 hrs. Returns of ball sealers, rubber & metal. CO well to approx 13,600. Pulled 2 stds. SI well.

JUN 0 7 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

JUN 0 8 1976

TD 14,200. PB 14,106. CO to 14,053 & plug'd off mill and/or WP. Swab'd well down 2000'. POOH; pull'g partially wet. WP had pkr parts, some metal & rubber. SI overnight.

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. RIH w/mill & WP. At 14,050 pmp'd prod wtr for 1-1/2 hrs to obtain reverse circ. Milled & washed down to 14,108 (tbg meas). Pulled up & circ'd 1 hr to clean up. LD power swivel, etc, while circ'g. POOH. SI overnight.

JUN 0 9 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. LD 80 jts 2-7/8 workstring. RIH w/Bkr 5" ret pkr, +45 seat'g nip & 75 jts prod tbg. Tested tbg to 7500 every 1500'. SD overnight.

JUN 1 0 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. Tested tbg to 7500 psi for 45 mins; lost 150 psi. Pmp'd 5 bbls wt'd inh'd 10% acetic acid foll'd by 60 bbls prod wtr. Set Bkr 5" ret pkr @ 13,823. Bull-headed 10 more bbls prod wtr. Removed BOP's & installed & tested 10,000# tree. BJ AT perfs 13,854, 13,863, 13,875 & 13,912 w/50 bbls gelled 15% HCl (additives as per prog) as follows: Pmp'd 9 bbls acid & drop'd one 7/8" ball sealer. Pmp'd 5 bbls acid & drop'd one ball sealer. Repeated 6 times. Pmp'd 6 bbls acid w/o Unibeads & flushed w/82 bbls prod wtr. Pmp'd from 2-4 B/M prod wtr down annulus @ 700 psi up to 3000 psi. Had no definite indication of communication. With 2 ball sealers to perfs balled off @ 8500 psi for 5 mins. Bled off ball sealers & fin'd displacing acid & has more ball action. Max press 8600 psi, min 5600, avg 8000. Max rate 2.5 B/M, avg & min 2. ISIP 2900 psi. Tbg & csg press went to 0 in 2 mins. SI overnight.

JUN 11 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. 6/11 Removed 10,000# frac tree. Installed & tested BOP's. Pmp'd @ 900 psi 200 BW down annulus & had returns from tbg. Pmp'd 100 BW down tbg @ 3200 psi & had returns from csg. Est that communication exists betwn tbg & csg. Attempted to unseat EA ret pkr; took 2 hrs to unseat. SD overnight. 6/12 POOH; pkr ok. Set 5" ret pkr @ 13,291. While fill'g annulus to test well communicated & circ'd out tbg. Reset pkr @ 13,728. Filled annulus w/prod wtr. MI&RU BJ. Filled tbg & pmp'd prod wtr until press up to 7500 psi. Pmp'd 15 bbls prod wtr into form @ 2 B/M & 7500 psi w/no communication. MI&RU to acidize. When 15% acid hit top perf, well communicated. Annulus press incr'd from 300 to 1000 psi. Displ'd acid out of tbg. Flushed annulus w/50 bbls over acid vol. SI well.

JUN 14 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. Tbg & csg on sli vac. Reset pkr @ 13,643 & filled annulus w/prod wtr. Pmp'd 25 bbls prod wtr down tbg & press'd up to 7500 psi. Pmp'd 25 more bbls @ 7 B/M @ 7500 psi w/o communicating. AT gross perf'd interval 13,674-13,912 (10 holes) w/80 bbls 15% HCl acid (additives as per prog) as follows: Pmp'd 9 bbls 15% acid & drop'd 1 ball sealer. Pmp'd 5 bbls 15% acid & drop'd 1 ball sealer. Repeated 12 times for total of 74 bbls HCl & 14 ball sealers. Pmp'd 6 bbls HCl w/o Unibeads. Pmp'd 2 B/M prod wtr down annulus during trtmt & maintained 1000 psi on csg. With 53 bbls HCl past top perf, well balled off @ 8100 psi for 5 mins. Bled off balls & cont'd w/flush (total of 85 bbls). Max press 8100 psi, min 5600, avg 7100. Max rate 5 B/M, min 1, avg 4. ISIP 4400 psi, 5 mins 4200, 10 & 15 mins 4000. Opened well to bleed off balls for 2 mins & press went to 0. One-hr SIP 3300. Opened well into mud tanks on 26/64" chk & FTP down to 0 in 1/2 hr. Pmp'd 20 bbls prod wtr down tbg to get any acid into form. SI well. Prep to run BHP.

JUN 15 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. SI.

JUN 16 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. SI for BHP.

JUN 17 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. Attempted to pull BHP instrument; left 5200' .082 WL, sinker bars & BHP bomb. Wire pulled had become pitted. Sun RIH w/wire finder, sinker bars & jars on WL; had some wax @ 1200'. RIH w/wax cutter to 7500 & POOH. Pmp'd 100 bbls hot prod wtr down csg. RIH & located top of WL fish @ 8500. RIH w/WL grapple & rec'd 5' wire. RIH & pulled up to 4300'; rec'd 20' WL. RIH & tag'd wire @ 4350; rec'd 25' WL. RIH & could not get thru paraffin buildup @ 4200'. Backed well down w/80 bbls diesel. SI overnight.

JUN 18 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. 6/18 RIH w/wax cutter, sinker bars & jars on WL. Located top of WL fish @ 8600'. Rec'd 286' of WL in 8 trips w/grapple. 6/19 Made 9 runs w/2 prong grapple & 1 run w/wire finder; rec'd 230'. 6/20 Tag'd wire on 1st run @ 9470. Made 9 runs w/grapple; rec'd 744'. Cum total rec'd 1260'. SI overnight.

JUN 21 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. Tag'd wire @ 9860. Made 8 runs w/WL grapple. Located top of WL fish @ 10,040. Rec'd 203' WL for a total of 1463' rec'd. SI well overnight.

JUN 22 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. Tag'd wire @ 10,200. Made 10 runs w/WL grapple & rec'd 700' (total of 2163' rec'd). Top of WL fish @ 10,800. POOH. SI overnight.

JUN 23 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. RD Sun. Removed tree & installed and tested BOP's. PU tbg off donut, released pkr & POOH. Removed WL from each jt tbg from 10,800 down except last 2 jts. RIH w/4-1/8 mill & 1 jt WP to 9000'. SI overnight.

JUN 24 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. RIH to 10,500. Ran 2 jts, pulled up one & circ'd in reverse. Felt no wire or tight spts. Set down @ 14,092; could not circ or wash down. POOH. Rec'd 3 pieces of WL in WP. Left about 500' WL & BHP instrument in well; apparently on btm. RIH w/Bkr 5" ret pkr & +45 seat'g nip. SI well overnight.

JUN 25 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. 6/25 RIH & pkr hang'g @ 13,643. Circ'd well in reverse to clean up tbg. MI&RU Sun. RIH w/wire finder, sinker bars & jars on WL. Located no WL in hole to +45 seat'g nip. POOH. RIH w/SV on slickline; could not get over 1200 psi while pmp'g 3 B/M. POOH. SV indicated WL marks on cups & No. 60 ring. RIH w/wire finder to seat'g nip; found no wire. POOH. RIH w/1-3/4" impress blk thru seat'g nip & pkr several times attempting to push wire out of tbg. Impress blk would get sticky each pass thru seat'g nip. POOH. Filled tbg, installed SV & pmp'd down. Well circ'd 1 hr w/1200 psi. RIH w/impress blk on WL. SV hung up @ 8400'; knocked to btm. POOH. RD&MO Sun. Pmp'd 3 B/M down tbg @ 1200 psi. Press would not incr. SI for night. 6/26 Started pulling tbg. Found 2 short pieces of WL while pulling. Tbg started pulling wet w/8400' out. Found pin hole leak in tbg. Press'd tbg in hole to 5000 psi. Press would not hold. Fin POOH & LD tbg in singles. SI overnight.

JUN 28 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. RIH w/BKR 5" ret pkr, +45 seat'g nip w/SV in place on 2-7/8 tbg. Tested tbg to 7500 psi every 1000'. LD 5500' tbg. PU singles & tested every 1000'. SI overnight.

JUN 29 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. Prep to run BHP. With pkr hang'g @ 13,643, tested tbg string to 7500 psi for 1 hr; lost 150 psi. Set pkr @ 13,643 & landed tbg on donut w/13,000# set down wt on pkr. Pmp'd down annulus to fill. Pmp'd down tbg @ 2 B/M @ 3500 psi for 1/2 hr to check for communication around pkr; no returns. Installed & tested 10,000# tree & removed BPV. Backed well down w/80 bbls diesel. SI well overnight. Released rig 7 p.m. 6/29/76.

JUN 30 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. SI for BHPS. Fin'd RD&MO Western Rig #17.

JUL 01 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. SI for BHPS.

JUL 02 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. 7/2 Pulled BHP instrument & RD&MO BHP equip. MI&RU OWP. RIH w/1-9/16 sinker bar & jars on WL. Tag'd something tight @ 13,796. Ran thru 13,796 to 14,000. POOH. Ran temp log from 14,000 to 13,600; no obstruction on temp log @ 13,796. SI well. 7/3 BJ bullheaded 8 bbls wt'd inh'd 15% HCl into well. Flushed w/75 bbls prod wtr. SI well. 7/5 MI&RU D&M & pmp'd 10 bbls prod wtr down tbg to clear out all acid. Press'd to 4200 psi. RD&MO D&M. MI&RU Sun & RIH w/wax cut'g tools; no paraffin. RD&MO Sun. SI well.

JUL 06 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. Pmp'd 10 bbls prod wtr down tbg to insure no wax & reduce acid possibilities in liner. RU OWP. RIH w/sinker bars & jars on WL to 14,000' (dummy run). RIH w/1-11/16" bi-wire to perf; could not get below 13,796. Bi-wire sticky while pick'g up. Stacked wt of perf gun on last attempt w/no success. RD&MO OWP. SI well.

JUL 07 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. SI; WO equip.

JUL 08 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. OWP perf'd w/1-9/16 tbg carrier gun one shot/ft. Run #1 - before & after press 1500#: 13,970-75, 13,946-62 & 13,934-42. Run #2 - before & after press 1500#: 13,908-916, 13,893-906 & 13,883-890. Run #3 - press before & after 1500#: 13,869-879, 13,859-866, 13,851-856 & 13,841-846. (Total of 94 holes) RD&MO OWP. BJ bullheaded 6 bbls gel'd, wt'd, dbl-inh'd, 10% HCl down tbg. Flushed w/80 bbls prod wtr. RD&MO BJ. SI well overnight.

JUL 09 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. 7/10 BJ AT perfs 13,975-13,841 (104 holes) as per prog. Took total of 379 bbls. Max TP 7300 psi, avg 7000, min 6600. Max rate 10 B/M, avg 7, min 6. Pmp'd 475 bbls prod wtr down backside during trtmt @ 8 B/M @ 500 psi. ISIP 5000 psi, 5, 10 & 15 mins 5000 psi. RD BJ. RU OWP & ran temp survey; indicated perfs took trtmt ok. 7/11 SI for BHPS. Ran GR log. 18-hr SITP 3450 psi. RD&MO OWP. Opened well to pit on 12/64" chk. FTP drop'd to 50 psi in 15 mins & to 0 in 30 mins. Flwd 3 hrs; rec'd 50 BW, no oil & very little gas. SI well. MI&RU hot oiler. Backed well down w/40 bbls prod wtr & 40 bbls diesel. SI well. 7/11 MI&RU Sun & RIH w/BHP instrument. SI well.

JUL 12 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. SI for BHPS.

JUL 13 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,092. SI for BHPS.

JUL 14 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. 7/14 Pulled BHP. Slickline indicated acid in tbg. Opened well to battery w/2200# on tbg. Bled off in 2 mins; would not flow. Attempted to back well down. Pmp'd 20 BW down tbg & press up to 4000#. RD HOT. SI well.

JUL 15 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. SI.

JUL 16 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. SI.

JUL 19 1976

Shell-Ehrich 1-11B5
(Perf & Stim)

TD 14,200. PB 14,106. (Report discontinued until further activity)

JUL 20 1976

Shell-Ehrich 1-11B5
(Perf, Stim, Install gas lift equip)

TD 14,200. PB 14,085. (RRD 7/20/76) AFE #420794 provides funds to run 7" pkr & install gas lift equip. SITP 1100#; SICP 800. TP bled to 0 in 15 mins; csg bled to 100 in 3 hrs. MI&RU PU. SD for night.

SEP 03 1976

Shell-Ehrich 1-11B5
(Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. 9/3 SITP & CP 0. Released pkr & circ'd 100 bbls clean prod wtr down csg; no returns. Pulled tbg; left 10 stds in hole. SD for night. 9/4 SIP 0. MI&RU WL; new PB 13,833. Ran tbg & press tested to 5000 psi. Bled off to 1500 in 20 mins. SI well. 9/6 SIP 0. Pulled std'g valve & repl'd bad seal cup. Reran valve. MI&RU HOT & press tested tbg to 5000 psi, no press loss in 30 mins. RD&MO HOT & WL. SD for night.

SEP 07 1976

Shell-Ehrich 1-11B5
(Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. SIP 0. Ran tbg & set mandrels @ 11,397, 10,800, 10,195, 9598, 9000, 8207, 7007, 5281 & 2910 w/valves in place. Set BVP & removed BOP's. Installed & tested tree to 5000 psi. Bled off 100 psi in 30 mins. Tested csg to 1500 psi; no bleed off. SI well.

SEP 08 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. No report.

SEP 09 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 12-hr test, gas lifted 19 BO, 77 BW, 61 MCF gas w/1370 psi inj press. SEP 10 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Press
9/11:	24	324	1186	889	1310
9/12:	24	323	1201	858	1400
9/13:	24	348	1211	966	1380

SEP 13 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test, gas lifted 352 BO, 1113 BW, 635 MCF gas w/1340 psi.

SEP 14 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test, gas lifted 497 BO, 1417 BW, 1288 MCF gas w/1380 psi.

SEP 15 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test, gas lifted 387 BO, 1128 BW, 1006 MCF gas w/1360 psi.

SEP 16 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test, gas lifted 405 BO, 1048 BW, 1006 MCF gas w/1320 psi.

SEP 17 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
9/18:	24	490	1113	869	1360
9/19:	24	467	943	992	1360
9/20:	24	501	1133	992	1370

SEP 20 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test, gas lifted 595 BO, 1047 BW, 992 MCF gas w/1370 psi inj press.

SEP 21 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test, gas lifted 536 BO, 1026 BW, 992 MCF gas w/1360 psi inj press.

SEP 22 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test, gas lifted 570 BO, 1147 BW, 1142 MCF gas w/1360 psi inj press.

SEP 23 1976

Shell-Ehrich 1-11B5 (Perf, Stim, Install gas lift equip)

TD 14,200. PB 13,833. On 24-hr test 5/29/76 prior to work, prod 12 BO, 0 BW, 27 MCF gas w/50 psi. On 24-hr test dated 9/23/76 after work, gas lifted 570 BO, 1147 BW, 1142 MCF gas w/1360 psi inj press.
FINAL REPORT

SEP 24 1976

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED MAY 31 1979 DIVISION OF OIL, GAS, & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2390' FNL & 1035' FEL Section 11

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Altamont

8. FARM OR LEASE NAME: Ehrich

9. WELL NO.: 1-11B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE/4 NE/4 Section 11-T2S-R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6856 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED L. Plawetz TITLE Div. Opers. Engr. DATE 5/29/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah USGS w/attach for info

*See Instructions on Reverse Side

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 6 1979

TD 14,200. PB 14,106. 4/4 CP & TP 0 psi. Finished LD tbg & WP; nothing inside WP. OWP perf'd 1st run as per prog from 14,087-13,876 - 16 zones; 48 holes..
Run #2 perf'd 13,861-13,711 - 16 zones; 48 holes.
Run #3 perf'd 13,699-13,442 - 16 zones; 48 holes.
Run #4 perf'd 13,423-13,212 - 15 zones; 45 holes.
Run #5 perf'd 13,210-12,968 - 15 zones; 45 holes.
FL @ 4400' thruout 5 runs & press @ 0 psi.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 9 1979

TD 14,200. PB 14,106. 4/5 CP 50 psi. Run #6 - perf'd as per prog from 12,918-12,680; 15 zones - 45 holes.
Run #7 - perf'd from 12,669-12,424; 15 zones - 45 holes.
Run #8 - perf'd from 12,390-12,214; 15 zones - 45 holes.
Run #9 - perf'd from 12,207-11,967; 15 zones - 45 holes.
Run #10 - perf'd from 11,942-11,799 - 15 zones - 45 holes.
Run #11 - perf'd from 11,793-11,729 - 10 zones - 30 holes.
All shots fired during perf; shot total 163 zones - 489 holes as per prog. Made up +45 SN on top of 5" Bkr Mod "C" pkr & RIH w/5bg to 11,691. BJ press tested tbg. Press'd to 5900#; blew tbg. Started out of hole w/tbg & pulled 192 jts 6000'; did not find leak.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 10 1979

TD 14,200. PB 14,106. 4/6 CP & TP 200 psi; bled press off. Pmp 30 bbls dn csg & 10 bbls dn tbg. Continued out of hole w/tbg look'g for hole. Pulled total 334 jts split 1' dn from collar @ 10,437'. Tested tbg to 6500#; ok. Ran half way in hole & tested to 6500#, ok. TIH to 11,691 & tested to 6500#; lost 1500# in 5 mins. Pulled 2000' & still leaked. Pulled 1000' & tested again; held for 3 mins, then lost press instantly. Started out of hole looking for split. Split on 326 jt, 2' dn from collar @ 10,156'. Tested again; still had leak. Pulled to pkr; SV bad (seat washed out). 4/7 CP & TP 200 psi; bled off gas. Pmp'd 40 bbls dn csg & 10 bbls dn tbg. POOH. Installed SV in SN above pkr. Tested 1 jt & SV to 6500#, ok; ran 1000' & tested ok. RIH w/Bkr 5" 18# full bore pkr w/unloading sub, +45 SN & 373 jts tbg to to 11,691' & tested to 6500#, ok. RIH w/sdline & fished SV. Landed w/18,000# tension @ 11,691'. Installed BPV. Installed 10,000# tree & tested, ok. Tested csg to 3000#, ok. Prep to acdz well & run GR log. SI over weekend.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 11 1979

TD 14,200. PB 14,106. 4/9 BJ AT 14,087-11,729' (627 holes; 489 new & 138 old). Press tested lines to 10,000#. AT as per prog w/CP 3000 psi. Max press 8400, avg 7000 & min 1000. Max rate 20 B/M, min 12 & avg 15. ISIP 0. OWP ran GR log. Began log'g @ 14,087; logged into tbg @ 11,691. Log showed 90% perfs took treatment; 0 TP after log. Installed BOP. SDON.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 12 1979

TD 14,200. PB 14,106. 4/10 Started in hole w/7" loc-set pkr & gas lift equip as per gas lift design dated 2/15/79 & RIH to 8000'. SD for rig repair.

CLEAN OUT, PERFORATE & STIMULATE

SHELL OIL COMPANY — LEASE EHRICH — WELL NO. 1-11B5 — ALTAMONT

FROM: 4/2 - 5/25/79 — DIVISION WESTERN — ELEV 6856 KB

COUNTY DUCHESNE — STATE UTAH

UTAH
ALTAMONT

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 2 1979

"FR" TD 14,200. PB 14,106. AFE #481557 provides funds to clean out, perf & stim Wasatch 11,729-14,087. 3/29 CP 300# & TP 0; bled off csg. Pmp'd 100 bbls prod wtr down csg & 100 bbls down tbg. Removed tree & installed BOPE. Pulled 365 jts tbg & 9 Camco mndrls. RIH w/32 jts 2-7/8 tbg & SD for night. Prep to fish wire & WL tools.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 3 1979

TD 14,200. PB 14,106. 3/30 CP & TP 200 psi. Pmp'd 45 bbls hot prod wtr dn csg & 30 bbls dn tbg. RIH w/ WL to fish sinker bars & bombs. 1st run tag'd fish @ 13,817; unable to catch fish. 2nd run - RIH w/3-3/4" impression block. POOH; impression block showed a few marks like wire. 3rd run - RIH w/retrieving tool; could not catch anything. Started in hole w/shoe, WP, x-over, tbg pup & tbg. 3/31 CP & TP 100 psi. Pmp'd 50 bbls dn csg & 30 bbls dn tbg. Cont'd in hole w/tbg & washover shoe. RIH w/tbg & tag'd @ 13,805'. RU drlg equip. SD.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 4 1979

TD 14,200. PB 14,106. 4/2 CP & TP 200 psi; bled off gas. Pmp'd dn csg @ 3 B/M; no press. Pmp'd 900 bbls prod wtr w/no returns. RU BJ to circ & pmp'd 150 bbls prod wtr @ 10 B/M w/1200# & started getting returns. Pmp'd 850 bbls. Dropped pmp'd press dn to 600#. Lost returns @ 600#.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 5 1979

TD 14,200. PB 14,106. 4/3 CP & TP 100 psi; bled off. BJ pmp'd 30 bbls gelled wtr & 2000# slug BAF @ 12 B/M. Press rose from 500# to 1800# w/returns after pmp'g 450 bbls prod wtr to 1800# w/returns. Cut press back & lost returns. Pmp'd another 2000# slug BAF & caught press after pmp'g 220 bbls. Dropped press dn to 1200# w/returns. Drop'd press dn to 800# & lost circ. CO @ 13,805 & hit stringers going through perfs w/out returns. CO to 14,106 & pulled up off btm drag'g 20,000# over string wt. Pmp'd @ 12 B/M & got returns after 15 mins; approx 3 B/M. SDON.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 16 1979

TD 14,200. PB 14,106. 4/11 Set 7: loc-set pkr @ 11,526 & landed in WH w/8000# tension. Ran 10 camco mandrels. Removed BOP. Tested tree to 5000#, ok.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 17 1979

TD 14,200. PB 14,106. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
4/11	SD					
4/12	8	15	535	792	421	200
4/13	24	81	318	656	701	100
4/14	24	42	420	713	674	100

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 18 1979

TD 14,200. PB 14,106. On 24-hr test 4/15 gas lifted 34 BO, 416 BW, 713 Gas Prod & 695 Gas Inj w/100 psi TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 19 1979

TD 14,200. PB 14,106. On 24-hr test 4/16 gas lifted 86 BO, 577 BW, 702 Gas Prod & 658 Gas Inj w/100 TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 20 1979

TD 14,200. PB 14,106. On 24-hr test 4/17 gas lifted 70 BO, 573 BW, 791 Gas Prod & 707 Gas Inj w/200 TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 23 1979

TD 14,200. PB 14,106. On 24-hr test 4/18, gas lifted 49 BO, 565 BW, 870 Gas Prod & 939 Gas Inj w/100 TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 24 1979

TD 14,200. PB 14,106. On 24-hr test 4/19, gas lifted 48 BO, 339 BW, 475 Gas Prod & 434 Gas Inj w/100 TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 25 1979

TD 14,200. PB 14,106. On various tests, gas lifted

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
4/20	24	20	401	507	525	100
4/21	24	25	461	469	586	200

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 26 1979

TD 14,200. PB 14,106. On various tests, gas lifted

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
4/22	24	54	447	500	594	200
4/23	24	29	453	673	630	100

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 27 1979

TD 14,200. PB 14,106. On 24-hr test 4/24, gas lifted 32 BO, 443 BW, 593 Gas Prod & 571 Gas Inj w/100 TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
APR 30 1979

TD 14,200. PB 14,106. On 24-hr test 4/25, gas lifted 34 BO, 436 BW, 593 Gas Prod & 620 Gas Inj w/150 TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim) MAY 1 1979

TD 14,200. PB 14,106. On 24-hr test 4/26 gas lifted 1 BO, 299 BW, 455 Gas Prod & 376 Gas Inj w/200 TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
MAY 2 1979

TD 14,200. PB 14,106. On various tests, gas lifted

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
4/27	24	30	270	461	375	180
4/28	24	22	267	379	376	180

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. Gauge not available.
MAY 3 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
MAY 4 1979

TD 14,200. PB 14,106. On 24-hr test 4/29 gas lifted 34 BO, 309 BW, 475 Gas Prod & 429 Gas Inj w/150 psi TP. 4/30 Well SI.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. Gauge not available.
MAY 7 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. Gauge not available.
MAY 8 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. 5/5 & 6 Well SD.
MAY 9 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim) MAY 10 1979

TD 14,200. PB 14,106. Gauge not available.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. 5/7 Well SD.
MAY 11 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. 5/8 Well SD.
MAY 14 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. 5/9 Well SD. MAY 15 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
MAY 16 1979

TD 14,200. PB 14,106. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
5/10	24	135	295	469	406	100
5/11	24	90	427	593	501	100
5/12	24	75	448	650	550	100
5/13	24	70	451	674	546	100

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
MAY 17 1979

TD 14,200. PB 14,106. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
5/14	24	65	453	770	579	200
5/15	24	61	480	650	593	200

Shell-Ehrich 1-11B5
(CO, Perf & Stim) MAY 18 1979

TD 14,200. PB 14,106. On 24-hr test 5/16 gas lifted 52 BO, 479 BW, 712 Gas Prod & 674 Gas Inj w/150 psi TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim) MAY 21 1979

TD 14,200. PB 14,106. Gauge not available.

Shell-Ehrich 1-11B5
(CO, Perf & Stim) MAY 22 1979

TD 14,200. PB 14,106. On 24-hr test 5/17 gas lifted 48 BO, 807 BW, 712 Gas Prod & 710 Gas Inj w/150 psi TP.

Shell-Ehrich 1-11B5
(CO, Perf & Stim)
MAY 23 1979

TD 14,200. PB 14,106. On various tests, gas lifted

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
5/18	24	49	189	665	623	150
5/19	24	36	469	713	662	150

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. On 24-hr test 5/20, gas lifted 41 BO, 440 BW, 733 MCF gas prod & 684 MCF gas inj w/175 psi TP. On 24-hr test 5/21, gas lifted 26 BO, 687 BW, 729 MCF gas prod & 732 MCF gas inj w/200 psi TP. MAY 24 1979

Shell-Ehrich 1-11B5
(CO, Perf & Stim)

TD 14,200. PB 14,106. In 3/79 before work, well avg'd 3 BO, 61 BW, 34 MCF gas prod & 101 MCF gas inj. In 5/79 after work, well avg'd 71 BO, 365 BW, 99 MCF gas prod & 445 MCF gas inj.
FINAL REPORT

MAY 25 1979

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 831 Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2390' FNL & 1035' FEL

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ehrich

9. WELL NO.: 1-11B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE/4 NE/4 Sec. 11-T2S-R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6856' KB

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached worksheet.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 6-9-80

BY: M. J. Minder

RECEIVED

JUN 6 1980

DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Division Production Engineer DATE 6/2/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
EHRICH 1-11B5
SECTION 11, T2S, R5W
ALTAMONT FIELD, UTAH

Pertinent Data: Shell's Share: 100%

Elevation (KB): 6856'
Elevation (GL): 6830'
TD: 14,200'
PBTD: 14,106'
Casing: 13-3/8", 68#, K-55 to 300'; 9-5/8", 40#, K-55 to 7126'; 7", 26#, S-95 and P-110 to 11,770'.
Liner: 5", 18#, N-80; top at 11,547', bottom at 14,197'
Tubing: 2-7/8", EUE, 6.5#, N-80 to 11,526'
Packer: Baker 7" loc-set at 11,526'
Perforations: 11,729'-14,087' (641 holes)
Artificial Lift: Gas lift with mandrels at 3025', 5250', 6800', 7810', 8450', 9050', 9650', 10,250', 10,850', 11,450'

Objective: Perforate additional interval, stimulate and return well to production.
Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.

2. Pull tubing, 7" packer at 11,526', laying down gas lift mandrels while coming out.

3. Run bit or mill and CO 5" liner to ±14,106' (PBTD).

4. RIH with 5" RBP and 5" fullbore packer. Set RBP at ±12,650'. Pressure test to 3500 psi. If okay, spot sand on top of RBP.

5. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:

   a. Perforate 11,555'-11,705' using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120° phasing. Perforate 11,401'-11,546' using a 4" O.D. casing gun and 19.0 gram charges at 120° phasing.

   b. Record and report wellhead pressure and fluid level before and after each run.

   c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment I. Depth reference is OWP's GR/CBL dated 1/2/73.

6a. If well can be controlled with water after perforating, run a 7" fullbore packer on tubing and set at ±11,350'. Test tubing to 6500 psi.

b. If well cannot be controlled with water after perforating, lubricate in a 7" Model "D" packer (with flapper) and set at ±11,350'. Run tubing, latch into packer, and put well on production.

7. Acid treat perfs 11,401'-12,606' (102 new, 213 old) with 29,000 gallons of 7-1/2% HCL as follows:

   a. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 85 gallons.

   b. Pump 1000 gallons acid containing 2000# benzoic acid flakes.

   c. Repeat Step (a) 5 more times and Step (b) 4 more times for a total of 6 stages and 5 of diverting material (total 29,000 gallons acid and 285 ball sealers).

   d. Flush with 100 bbls of clean produced water.

   Notes:
   1. All acid and flush to contain 6 gallons G-10/1000 gallons HCL or equivalent for ±70% friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
   2. All acid to contain 3 gallons C-15/1000 gallons HCL for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
   3. Maintain 2500 psi surface casing pressure during treatment if possible.
   4. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
   5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
   6. Record ISIP and shut-in pressure decline for at least 20 minutes.

8. Run RA log from 12,650' to 11,300'.

9a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 10.

b. If well does not flow, continue with Step 10.

10a. If a 7" fullbore packer was used in Step 6, POOH with tubing and packer.

b. If a 7" Model "D" packer was used in Step 6, POOH with tubing and seals. RIH and mill out to 7" Model "D".

11. Circulate sand and retrieve 5" bridge plug at ±12,650'.

12. RIH with 7" fullbore packer, tubing, and GL mandrels. Set packer at ±11,350'. Install mandrels as shown in Attachment II.

13. Return well to production.

14. Report well tests on morning report until production stabilizes.

G. L. Thompson

Date

MEB:JL

MEB DKD IAO JMBERGSTROM 4/11/80

ATTACHMENT I

Depth reference is Schlumberger's GR/CCL dated 1/2/73.

11,401	11,572
412	580
421	583
425	585
433	620
439	639
441	642
452	647
467	657
476	670
495	694
500	701
507	705
516	
521	
527	
538	
544	
546	
555	
559	

TOTAL 102 holes (3 JSPF in 34 depths)

Form OGCC-1 b•

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 831 Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2390' FNL & 1035' FEL

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ehrich

9. WELL NO.
1-11B5

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4 NE/4
Sec. 11-T2S-R5W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6856' KB

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]
(Other)			[ ]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
(Other)			[ ]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well was perforated and acidized as per the attached.

RECEIVED SEP 2 1980 DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] FOR J.M. BERGSTROM TITLE Division Production Engr. DATE 8/26/80

(This space for Federal or State office use)

APPROVED BY ____________ TITLE ____________ DATE ____________
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL: EHRICH 1-11B5

LABEL: -----
WO NO.: 588307
FOREMAN: K.J. DESHOTEL
RIG: WOW #17 JUN 5 1980
AUTH. AMNT: 95000
DAILY COST: 4550
CUM. COST: 9300
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.

DATE(S): 6-4 AND 6-5-80
PRESENT STATUS: RIH WITH WASH PIPE AND MILL
ACTIVITY: FINISHED PULLING TBG. MAKE UP 4 1/8 IN. O.D. X 2 1/2 IN.
02 I.D. MILL SHOE-1JT 4 IN. WASH PIPE AND RIH TO 11500 FT.
03 STARTED PICKING UP TBG. RIH AND TAG AT 13886 FT. PUMP
04 700 BBLS. PRODUCED WTR. TRYING TO ESTABLISH CIRCULATION
05 UNABLE TO CIRCULATE HOLE. PICK UP POWER SWIVEL AND
06 STARTED MILLING AT 13886 FT. MILLED FOR APPX. 40 MIN.
07 BEFORE FALLING THROUGH. RUN TO 14104 FT. AND TAG
08 LAY BACK SWIVEL STARTED OUT OF HOLE LAYING DOWN TBG.
09 PULLED 6000 FT. OF TBG. S.D.O.N.
10
11 6-5-80-STATUS-RIH AND SET R.B.P.

WELL: EHRICH 1-11B5

LABEL: -----
WO NO.: 588307
FOREMAN: K.J. DESHOTEL
RIG: WOW #17
AUTH. AMNT: 95000 JUN 6 1980
DAILY COST: 3150
CUM. COST: 12450
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.

DATE(S): 6-5 AND 6-6-80
PRESENT STATUS: RIH AND SET R.B.P.
ACTIVITY: S.I. CASING AND TBG. PSI 0. PULLED 5000 FT. OF TBG.
02 WELL STARTED FLOWING THROUGH TBG. 7 IN. CASING ON
03 VACUUM. ATTEMPTED TO PUMP DOWN TBG. TBG. PLUGGED
04 WITH WAX. PUMPED 300 BBLS. HOT WATER DOWN CASING.
05 TBG. STILL PLUGGED. RIG UP HOT OILER AND PUMP 150
06 BBLS. 210 DEGREE WATER DOWN CASING. TBG. CLEAN.
07 POOH WITH TBG. 1 JT. OF WASH PIPE AND MILL SHOE.
08 MAKE UP 5 IN. R.B.P. WITH BALL CATCHER - 5 IN.
09 FULLBORE PACKER AND RIH TO 7000 FT. S.D.O.N.
11 6-6-80 - STATUS - SET R.B.P. POOH. PERFORATE.

WELL: EHRICH 1-11B5

LABEL: -----
WO NO.: 588307
FOREMAN: K.J. DESHOTEL
RIG: WOW #17 6/7-9/80
AUTH. AMNT: 95000
DAILY COST: 32749
CUM. COST: 48449
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.

DATE(S): 6 - 7-8-9-80
PRESENT STATUS: ACIDIZE
ACTIVITY: 6-7-80 - R.I. AND SET 7 IN. FULLBORE PACKER AT 11250 FT.
02 PRESSURE TEST CSG. 2500 PSI. CSG. O.K. PRESSURE TEST TBG.
03 TO 6500 PSI. TBG. O.K. REMOVE BOPS AND INSTALL 10000LBS.
04 WELLHEAD MIRU B.J. HUGHES HELD SAFETY MEETING PRESSURE
05 TEST LINES TO 9000 PSI. LINES O.K. ACIDIZE WELL PER
06 PROGNOSIS. ISP-3500 5 MIN.-2800 10 MIN.-1800 15 MIN.-
07 650 20 MIN.-0 25 MIN.-VAC. MAX. PSI.-8700 AVERAGE PSI.-8000
08 MIN . PSI.-6000 MAX. RATE 17.0 AVER. RATE 12.0 MIN.
09 RATE 9.0 MAX. CSG. PSI.-2500. RIG DOWN B.J.
10 HUGHES MIRU O.W.P. RUN R.A. LOG FROM B.P. TO PACKER LOG
11 INDICATES ABOUT 80 % TREATMENT. RIG DOWN O.W.P. S.D.R.O.
12 6-8-80 -STATUS: SHUT DOWN
13 6-9-80 -STATUS: RETRIEVE B.P. S.I. PSI. 200#

WELL: EHRICH 1-11B5

LABEL: -----
WO NO.: 588307
FOREMAN: K.J. DESHOTEL
RIG: WOW #17
AUTH. AMNT: 95000 JUN 1 0 1980
DAILY COST: 3250
CUM. COST: 15700
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.

DATE(S): 6-6 AND 6-7-80
PRESENT STATUS: SET R.B.P. POOH AND PERFORATE
INFO

ACTIVITY: RIH TO 12632 FT. AND SET R.B.P. PULL 5 IN. FULL BORE
02 PACKER UP TO 12627 FT. SET PACKER AND PRESSURE TEST
03 R.B.P. TO 3500 PSI. R.B.P. O.K. POOH WITH TBG
04 AND 5 IN. FULL BORE PACKER. MIRU O.W.P. AND PERFORATE.
05 FIRST RUN FLUID LEVEL AT 4600 FT. PERFORATED FROM 11705 FT.
06 TO 11544 FT. 3 SPF 51 HOLES WITH 3 1/8 CSG. GUN
07 14.0 GRAM CHARGES. 2ND RUN FLUID LEVEL AT 4500 FT.
08 PERFORATED FROM 11538 FT. TO 11476 FT. 3 SPF 24 HOLES 4 IN.
09 CSG. GUN 19.0 GRAM CHARGES. 3RD RUN FLUID LEVEL AT
10 4500 FT. PERFORATED FROM 11467 FT. TO 11401 FT. 3 SPF
11 27 HOLES 4 IN. CSG. GUN 19.0 GRAM CHARGES. PERFORATED
12 THIS DATE 34 SELECTIONS 102 HOLES. RIG DOWN O.W.P.
13 MAKE 7 IN. FULL BORE PACKER AND RIH TO 3000 FT. S.D.O.N.
14
15 6-7-80-STATUS- ACIDIZE

WELL:	EHRICH 1-11B5
LABEL:	-----
WO NO.:	588307
FOREMAN:	K.J. DESHOTEL
RIG:	WOW #17 JUN 10 1980
AUTH. AMNT:	95000
DAILY COST:	10427
CUM. COST:	58876
TYPE OF JOB:	REMEDIAL OIL AND GAS
OBJECTIVE:	CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.
DATE(S):	6-9 AND 6-10-80
PRESENT STATUS:	RETRIEVE B.P.
ACTIVITY:	S.I. WELLHEAD PSI. 200#. PUMP 100 BBLS. PRODUCE WATER
02	DOWN TBG. REMOVE WELLHEAD AND INSTALL BOPS. RELEASE
03	XD7 IN. FULL BORE PACKER AND POOH. MAKE UP RETRIEVING
04	TOOL FOR B.P. AND RIH TO 12630 AND LATCH B.P. START
05	OUT OF HOLE LAYING DOWN TBG. PULL UP TO 11000 FT.
06	S.D.O.N.
07	
08	6-10-80 -STATUS: RUN PROD. EQUIP. AND RETURN WELL TO
09	PROD.

WELL:	EHRICH 1-11B5
LABEL:	-----
WO NO.:	588307
FOREMAN:	K.J. DESHOTEL
RIG:	WOW #17 JUN 11 19[illegible]
AUTH. AMNT:	95000
DAILY COST:	3850
CUM. COST:	62726
TYPE OF JOB:	REMEDIAL OIL AND GAS
OBJECTIVE:	CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.
DATE(S):	6-10-80
PRESENT STATUS:	RUN PROD. EQUIP. AND RETURN WELL TO PROD.
ACTIVITY:	S.I. WELLHEAD PSI 0. POOH WITH TBG. AND B.P.
02	MAKE UP GUIBERSON UNI-PACKER VI AND RIH WITH MANDRELS
03	PER GAS LIFT DESIGN. SET PACKER AT 11340 FT. + OR -.
04	LAND TBG. WITH 15000# TENSION. REMOVE BOPS AND
05	INSTALL WELLHEAD. TURN WELL OVER TO PRODUCTION.
06	RIG DOWN AND PREPARE TO MOVE IN A.M.

WELL:	EHRICH 1-11B5
LABEL:	----- JUN 13 1980
WO NO.:	588307
FOREMAN:	K.J. DESHOTEL
RIG:	WOW #17
AUTH. AMNT:	95000
DAILY COST:	3850
CUM. COST:	62726
TYPE OF JOB:	REMEDIAL OIL AND GAS
OBJECTIVE:	CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.
DATE(S):	800613
PRESENT STATUS:	PRODUCING
ACTIVITY:	6-13-80 ZERO PRODUCTION. CHOKE PLUGGED WITH SAND AND
02	ROCKS

WELL: EHRICH 1-11B5

LABEL: -----
WO NO.: 588307
FOREMAN: K.J. DESHOTEL
RIG: WOW #17 6/14-16/80
AUTH. AMNT: 95000
DAILY COST: 3850
CUM. COST: 58876
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.

DATE(S): 6-16-80
PRESENT STATUS: PRODUCING
ACTIVITY: 6-13-80 48 OIL-13 WTR-701 MCF-589 INJ GAS
02 6-14-80 33 OIL- 0 WTR- 419 MCF- 423 INJ GAS
03 6-15-80 16 OIL- 0 WTR- 375 MCF- 406 INJ GAS
04 WATER METER MAY BE OUT OF ORDER

WELL: EHRICH 1-11B5

LABEL: -----
WO NO.: 588307 JUN 17 1980
FOREMAN: K.J. DESHOTEL
RIG: WOW #17
AUTH. AMNT: 95000
DAILY COST: 3850
CUM. COST: 58876
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.

DATE(S): 6-16-80
PRESENT STATUS: PRODUCING
LATEST TEST: 31 OIL- 25 WTR (EST)- 419 MCF- 436 INJ GAS
ACTIVITY: 6-16-80 31 OIL- 25 WTR (EST)- 419 MCF- 436 INJ GAS
02 TREATER CHOKE PLUGGED

WELL: EHRICH 1-11B5

LABEL: FINAL REPORT
WO NO.: 588307
FOREMAN: K.J. DESHOTEL
RIG: WOW #17
AUTH. AMNT: 95000 JUN 18 1980
DAILY COST: NONE
CUM. COST: 58876
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT PERFORATE ACIDIZE-RETURN TO PROD.

DATE(S): 6-18-80
PRESENT STATUS: PRODUCING
LATEST TEST: 48 OIL - 187 WATER - 471 GAS - 410 INJECTION.
ACTIVITY: FINAL TEST: 48 OIL - 187 WATER - 471 GAS AND 410
02 INJECTION.
03 THE RIG MOVED OFF OF LOCATION ON 6-11-80.

Shell Oil Company

P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

PRD42780420

4241 State Office Building: Salt Lake City, Ut. 84114. ● 801-533-5771

MONTHLY OIL AND GAS PRODUCTION REPORT

Duchesne

Operator name and address:

UTEX OIL CO.
% SHELL WESTERN E&P INC.
[redacted]
PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.

Operator name change

N1040

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name / API Number / Entity / Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
POTTER 1-14B5 / 4301330127 01665 02S 05W 14	WSTC	0	0	0	0
LOVERIDGE-GATES FED 1-3B3 / 4301330117 01670 02S 03W 3	GR-WS	21	696	0	2417
SHELL TEW 1-09B5 / 4301330121 01675 02S 05W 9	WSTC	0	0	0	0
BROTHERSON 1-33A4 / 4301330272 01680 01S 04W 33	GR-WS	31	1256	1866	3322
CHANDLER 1-05B4 / 4301330140 01685 02S 04W 5	WSTC	12	231	491	2813
EHRICH 1-11B5 / 4301330157 01690 02S 05W 11	WSTC	23	129	946	1749
ELLSWORTH 1-17B4 / 4301330126 01695 02S 04W 17	WSTC	28	4743	4853	5110
UTE UNIT 1-01B4 / 4301330129 01700 02S 04W 1	WSTC	22	759	738	6891
REEDER 1-17B5 / 4301330218 01710 02S 05W 17	WSTC	31	1093	149	7835
UTE UNIT 1-22B5 / 4301330134 01715 02S 05W 22	WSTC	20	273	1171	1883
ROBB 1-29B5 / 4301330135 01720 02S 05W 29	WSTC	31	1179	3430	5074
REAMINGTON 1-34A3 / 4301330139 01725 01S 03W 34	WSTC	31	1638	2297	6963
POTTER 1-24B5 / 4301330356 01730 02S 05W 24	WSTC	11	66	511	430
OCT - 2	TOTAL		12063	16452	44447

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date 9-28-84

Authorized signature _____ Telephone _____

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

010918A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Limited Inc.

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: See attached list

RECEIVED
DEC 31 1986
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ehrich

9. WELL NO.: 1-11B5

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 11 2s 5w

12. COUNTY OR PARISH: Duchesne

13. STATE:

14. PERMIT NO.: 43-013-30157

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) – Change Operator			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED Jon K. Nelson TITLE Dist. Land Mgr. DATE 12/24/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

01712

JAN 25 1988

DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0235

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W Sparks

Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

DOGM 56-64-21
an equal opportunity employer

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

● ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
FARNSWORTH #2-12B5 4301331115 01646 02S 05W 12	WSTC				
UTE TRIBAL 1-20B5 4301330376 01650 02S 05W 20	WSTC				
ELLSWORTH 1-08B4 4301330112 01655 02S 04W 8	WSTC				
ELLSWORTH 1-09B4 4301330118 01660 02S 04W 9	WSTC				
POTTER 1-14B5 4301330127 01665 02S 05W 14	WSTC				
LOTRIDGE GATES FEE 1-3B3 4301330117 01670 02S 03W 3	GR-WS				
SHELL TEW 1-09B5 4301330121 01675 02S 05W 9	WSTC				
BROTHERSON 1-33A4 4301330272 01680 01S 04W 33	WSTC				
CHANDLER 1-05B4 4301330140 01685 02S 04W 5	WSTC				
EHRICH 1-11B5 4301330157 01690 02S 05W 11	WSTC				
EHRICH #3-11B5 4301331080 01691 02S 05W 11	WSTC				
ELLSWORTH 1-17B4 4301330126 01695 02S 04W 17	WSTC				
ELLSWORTH #2-17B4 4301331089 01696 02S 04W 17	WSTC				
	TOTAL				

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature

Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

APR 29 1988

DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2390' FNL & 1035' FEL

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ehrich

9. WELL NO.: 1-11B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: (SENE) Section 11, T2S, R5W

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-013-30157	6856' KB	Duchesne	Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Shut in			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The above referenced well was shut in 4/13/88 due to economics.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank Brenda W. Swank TITLE Associate Regulatory Analyst DATE 4/26/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 28 1988
DIVISION OF OIL, GAS & MINING

7. UNIT AGREEMENT NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

8. FARM OR LEASE NAME: Ehrich

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.: 1-11B5

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2390' FNL & 1035' FEL

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 11, T2S-R5W

14. PERMIT NO.: 43-013-30157

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6830' GL

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Proposed Procedure:

1. MIRU. Kill well. NU BOPE & POOH w/tbg & gas lift eqpt.
2. Clean out wellbore to ± 13,850'.
3. Run csg inspection log across 7", 26# intermediate string.
4. RIH w/CIBP & set @ ±13,835' KB. Use cmt dump bailer & drop load on CIBP.
5. RIH w/EZ drill plug & set @ ± 13,345' KB. RIH w/cmt retainer for 5" csg & set @ 13,265' KB.
6. Cmt squeeze perfs from 13,273-13,336' KB (19 holes) w/100 sx. cmt.
7. Mill out retainer & cmt to EZ drill plug (±13,345' KB). POOH. TIH w/RTTS pkr & pressure test squeeze. Repeat squeeze if necessary.
8. Mill out retainer, cmt & CIBP.
9. RIH w/EZ drill plug & set @ 12,985'. RIH w/cmt retainer & set @ ±12,890' KB. Cmt squeeze perfs fr 12,918-12,971' KB (8 holes) w/100 sx cmt. DO & pressure test.
10. RIH w/EZ drill plug & set @ ± 12,054'. RIH w/cmt retainer & set @ ± 12,025' KB. Cmt squeeze perfs fr 12,037-12,043' KB (4 holes) w/ 50 sx cmt. DO & pressure test.
11. PU & TIH w/RBP w/Bullcatcher & treating pkr. Set RBP @ ± 13,825' KB. Set pkr @ ±13,345' KB. Acidize perfs fr 13,365-13,814' KB (111 holes) w/3400 gals 15% HCL + additives.
12. Release pkr & retrieve RBP. Reset RBP @ ±13,265' KB. Set pkr @ ±12,985' KB. Acidize perfs fr 13,003-13,260' KB (55 holes) w/1700 gals 15% HCL + add.
13. Release pkr & retrieve RBP. Reset RBP @ 12,890' KB. Set pkr @ ±12,056'. Acidize perfs fr 12,060-12,864' KB (175 holes) w/5300 gals 15% HCL + additives.

(OVER)

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE October 24, 1988

Eileen Danni Dey

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11-9-88
BY: John R. Baza

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

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OCT 28 1988
DIVISION OF OIL, GAS & MINING

7. UNIT AGREEMENT NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

8. FARM OR LEASE NAME: Ehrich

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.: 1-11B5

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2390' FNL & 1035' FEL

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 11, T2S-R5W

14. PERMIT NO.: 43-013-30157

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6830' GL

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Beam Pump Conversion			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Production Company proposes to convert the above-referenced well from gas lift to beam pump to reduce lifting costs and increase production.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE October 24, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11-9-88
BY: John R. Baza

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

8

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: Patented
2. NAME OF OPERATOR: ANR Production Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749	7. UNIT AGREEMENT NAME:
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2390' FNL & 1035' FEL	8. FARM OR LEASE NAME: Ehrich
	9. WELL NO.: 1-11B5
	10. FIELD AND POOL, OR WILDCAT: Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 11, T2S-R5W
14. PERMIT NO.: 43-013-30157	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6830' GL
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

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MAY 24 1989
DIVISION OF OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

February 1 through March 13, 1989;

1. MIRU. ND wellhead. NU BOP's. Release pkr. POOH w/tbg & pkr.

2. CO wellbore to 13,923' Cmt sqz perfs 13,273-13,336' w/100 sx cl "G" cmt. Cmt sqz perfs 12,918-12,971' w/100 sxs cl "G" cmt. Cmt sqz perfs 12,037-12,043' w/58 sxs cl "G" cmt. DO wellbore to PBTD, 13,904'.

3. Perf Wasatch w/3-1/8" csg gun, 3 SPF as follows:

RUN	DEPTH	FEET	HOLES	PSI
1	13,200-12,599'	22	66	0
2	12,560-12,014'	21	63	0
	TOTAL	43	129	0

4. Acidize perfs 13,365-13,814' w/3400 gals 15% HCL + add. ATP 6030#, AIR 10 BPM.
Acidize perfs 13,003-13,260' w/1700 gals 15% HCL + add. ATP 7370#, AIR 7 BPM.
Acidize perfs 12,060-12,864' w/5300 gals 15% HCL + add. ATP 5700#, AIR 8 BPM, ISIP 0#.
Acidize perfs 11,580-12,017' w/5500 gals 15% HCL + add. ATP 5500#, AIR 7 BPM, ISIP 3350#.

5. RIH w/gas lift eqpt & tbg. Set pkr @ 11,355'. ND BOP's, NU WH. Return well to prod.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE May 22, 1989

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number: Patented
6. If Indian, Allottee or Tribe Name: N/A
7. Unit Agreement Name: N/A
8. Well Name and Number: Ehrich #1-11B5
9. API Well Number: 43-013-30157
10. Field and Pool, or Wildcat: Altamont

1. Type of Well: OIL [X] GAS [ ] OTHER:

2. Name of Operator: ANR Production Company

3. Address and Telephone Number: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well
Footages: 2390' FNL & 1035' FEL
QQ, Sec.,T.,R.,M.: SE/NE Section 11, T2S-R5W
County: Duchesne
State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] Other ______
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start ______

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [X] Other Annual Status Report
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion ______

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OP... vertical depths for all marke... pertinent dates. If well is directionally drilled, give subsurface locations and measured and true

Tag zone in [?] set
well @ 3749-5810

The above r... economical to produce. This well is under evalua... P&A procedure

Additional plug
@ ≈ 3700 ?

RECEIVED
FEB 16 1993
DIVISION OF
OIL, GAS & MINING

13.
Name & Signature: Danni Dey Title: Regulatory Analyst Date: 2/11/93

(This space for State use only)

(12\92)

(See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Patented

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name: N/A

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name: N/A

1. Type of Well: OIL [X] GAS [ ] OTHER:

8. Well Name and Number: Ehrich #1-11B5

2. Name of Operator: ANR Production Company

9. API Well Number: 43-013-30157

3. Address and Telephone Number: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Wildcat: Altamont

4. Location of Well

Footages: 2390' FNL & 1035' FEL

County: Duchesne

QQ, Sec., T., R., M.: SE/NE Section 11, T2S-R5W

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Annual Status Report	
[ ] Other			

Approximate date work will start

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above referenced well is shut-in as it is uneconomical to produce. This well is under evaluation for a recompletion or possible P&A procedure.

RECEIVED
FEB 16 1993
DIVISION OF
OIL, GAS & MINING

13.

Name & Signature: Eileen Danni Dey Title: Regulatory Analyst Date: 2/11/93

(This space for State use only)

(12\92)

(See Instructions on Reverse Side)

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

RECEIVED
SEP 16 1993
DIVISION OF
OIL, GAS & MINING

5. Lease Designation and Serial Number: Patented

6. If Indian, Allottee or Tribe Name: N/A

7. Unit Agreement Name: N/A

1. Type of Well: OIL [X] GAS [ ] OTHER:

8. Well Name and Number: Ehrich #1-11B5

2. Name of Operator: ANR Production Company

9. API Well Number: 43-013-30157

3. Address and Telephone Number: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4454

10. Field and Pool, or Wildcat: Altamont

4. Location of Well

Footages: 2390' FNL & 1035' FEL

QQ, Sec., T., R., M.: SE/NE Section 11, T2S-R5W

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- [X] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start 10/8/93

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure to plug and abandon the subject well.

An attempt will be made to salvage some of the 7" casing (refer to Procedure - Step #3).

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/17/93
BY: John Matthews

13.

Name & Signature: Marc D. Ernest Marc D. Ernest Title: Production Superintendent Date: 9/10/93

(This space for State use only)

(12\92)

(See Instructions on Reverse Side)

PLUG & ABANDONMENT PROCEDURE

EHRICH #1-11B5

Section 11-T2S-R5W
Altamont Field
Duchesne County, Utah

WELL DATA

LOCATION:	NE/4 Section 11-T2S-R5W
ELEVATION:	5,830' GL, 6856' KB
TOTAL DEPTH:	14,200'
PBTD:	14,106'
CASING:	13⅜", 68#, K-55 ST&C @ 300' 9⅝", 40#, K-55 ST&C @ 7,126' 7", 26#, S-95 & P-110 LT&C @ 11,770' Liner Hanger set @ 11,547' 5", 18#, N-80 set from 11,547'-14,197'
TUBING:	2⅞", EUE, 6.5#, N-80 to 10,573'

TUBULAR DETAILS

Description			ID	Drift	Capacity (B/F)	Burst (psi)	Collapse (psi)
9⅝"	40#	K-55 ST&C	8.835"	8.679"	0.0758	3950	2570
7⅝"	26#	S-95 LT&C	6.276"	6.151"	0.0382	8600	7800
7⅝"	26#	P110 LT&C	6.276"	6.151"	0.0382	9960	6210
5"	18#	N-80 LT&C	4.276"	4.151"	0.0177	10140	10490
2⅞"	6.5#	N-80 DSS-HT	2.441"	2.347"	0.00579	10570	11160

WELL HISTORY

Apr. 1973 — Initial Completion. Perf 11,864'-13,921', 44 holes. Acdz w/25,000 gals 15% HCl.
Flowed: 806 BOPD, 1522 MCFPD, 31 BWPD

July 1976 — Acdz perfs 12,674'-13,912' w/5,450 gals 15% HCl. Perfs from 13,841'-13,975', 94 holes. Acdz perfs between 13,841'-13,975', 104 holes w/15,900 gals 15% HCl.
Prior Production: 20 BOPD, 25 MCFPD, 5 BWPD
Post Production: Unable to flow

Sep. 1976 — Install Gas Lift
Prior Production: 0
Post Production: 570 BOPD, 1142 MCFPD, 1147 BWPD

Apr. 1979 — Perf 11,729'-14,087', 489 holes. Acdz perfs from 11,729'-14,087' w/35,000 gals 7½% HCl.
Prior Production: 3 BOPD, 34 MCFPD, 61 BWPD
Post Production: 71 BOPD, 99 MCFPD, 365 BWPD

June 1980 — Perf 11,401'-11,705', 102 holes. Acdz 11,401'-14,087' w/29,000 gals 7½% HCl.
Prior Production: 12 BOPD, 59 MCFPD, 66 BWPD
Post Production: 48 BOPD, 471 MCFPD, 187 BWPD

Mar. 1989 Cmt szq perfs from 13,273'-13,366' (19 holes), 12,918'-12,971' (8 holes) and 12,037'-12,043' (4 holes) w/260 sx cmt. Perf Wasatch from 12,014'-13,200', 129 holes. Acdz perfs from 13,345'-13,825', 12,985'-13,265', 12,060'-12,864' and 11,580'-12,017' w/3400 gals, 1700 gals, 5300 gals and 550 gals 15% HCl, respectively.
Prior Production: Shut-In
Post Production: 18 BOPD, 61 MCFPD, 217 BWPD - on gas lift.

Apr. 1989 Install Beam Pump
Prior Production: 18 BOPD, 61 MCFPD, 217 BWPD
Post Production: 35 BOPD, 51 MCFPD, 291 BWPD

PRESENT STATUS

Shut-In, uneconomical October 14, 1992. Produced 2 BOPD, 26 MCFPD and 8 BWPD.

PROCEDURE

1) MIRU Service Rig. Rls down hole pump. POH and LD rods. Send in for inspection. RU BOPE. Rls TAC and POH w/tbg.

2) PU 7", 26# cmt retainer and RIH w/2⅞" tbg. Set retainer @ ±11,200'. Circ hole clean w/formation wtr. Pump 50 sx cmt w/additives below retainer and spot 75 sx cmt on top of retainer. Total plug from ±10,800'-11,470'. Circ hole w/9.0# mud. Press test csg to 1000 psig. POH w/tbg.

3) RU WL Service Company. RIH w/csg freepoint indicator. Determine freepoint of 7" csg. Cut csg above freepoint @ ±7,200'. RU csg jacks. POH and LD 7" csg.

4) RIH w/2⅞" tbg ±150' into 7" csg stub. Spot 450' plug across csg stub (150' in stub, 300' out of stub), ±140 sx cmt. Est top of plug @ 6,900' and btm of plug @ 7,350'. Test plug to 500 psi.

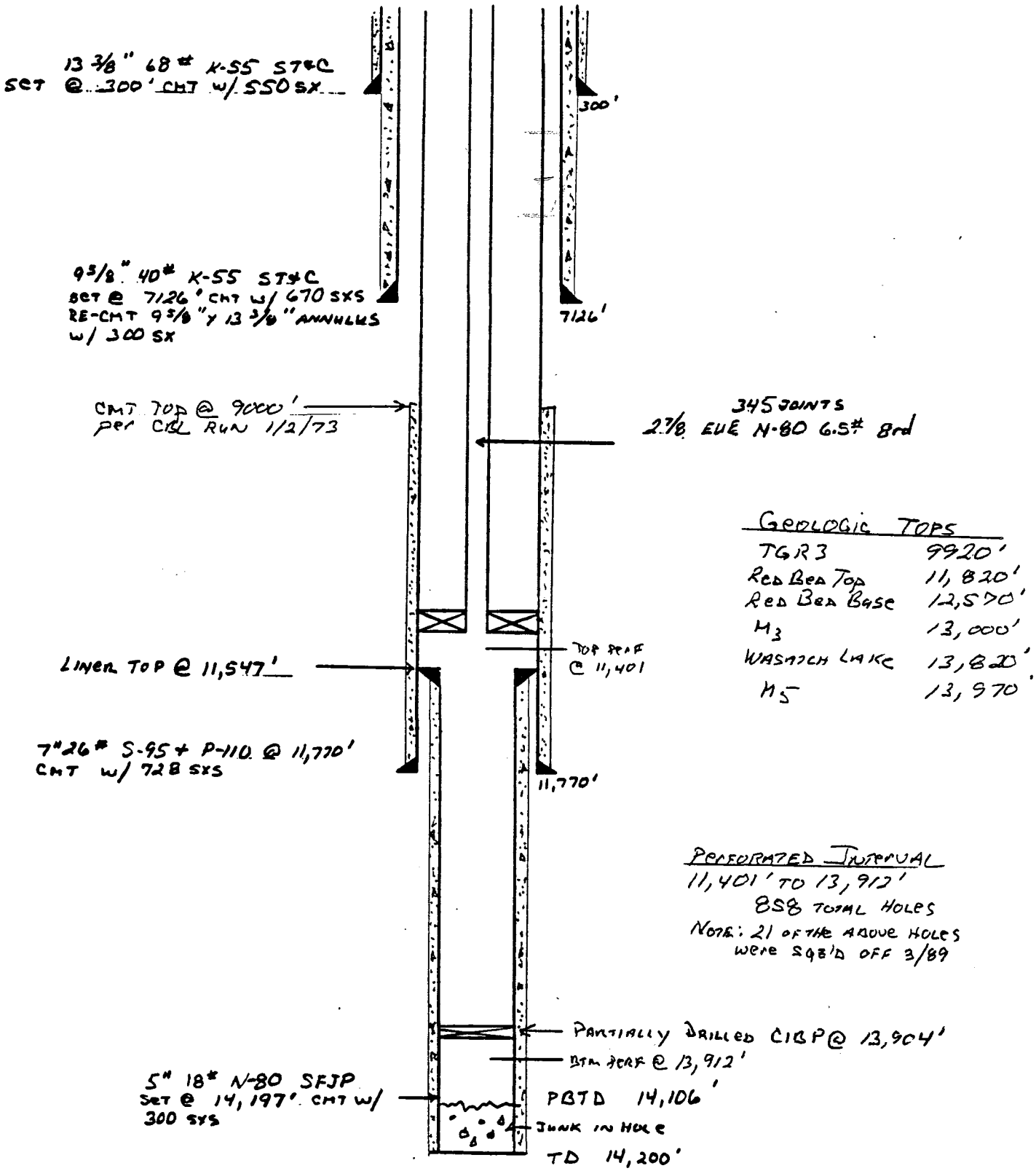
5) Spot 300' cmt plug to surface in 9⅝" csg. Approx 120 sx cmt.

6) Weld on DHM w/necessary inscription. RDMO. Restore location.

SCP:mar

S. PRUTCH
8/6/93

Present Wellbore Schematic
EHRICH #1-11B5
SECTION 11, T2S, R5W
DUCHESNE COUNTY, UTAH



GEOLOGIC TOPS

TGR3	9920'
RED BED TOP	11,820'
RED BED BASE	12,570'
M_3	13,000'
WASATCH LAKE	13,820'
M_5	13,970

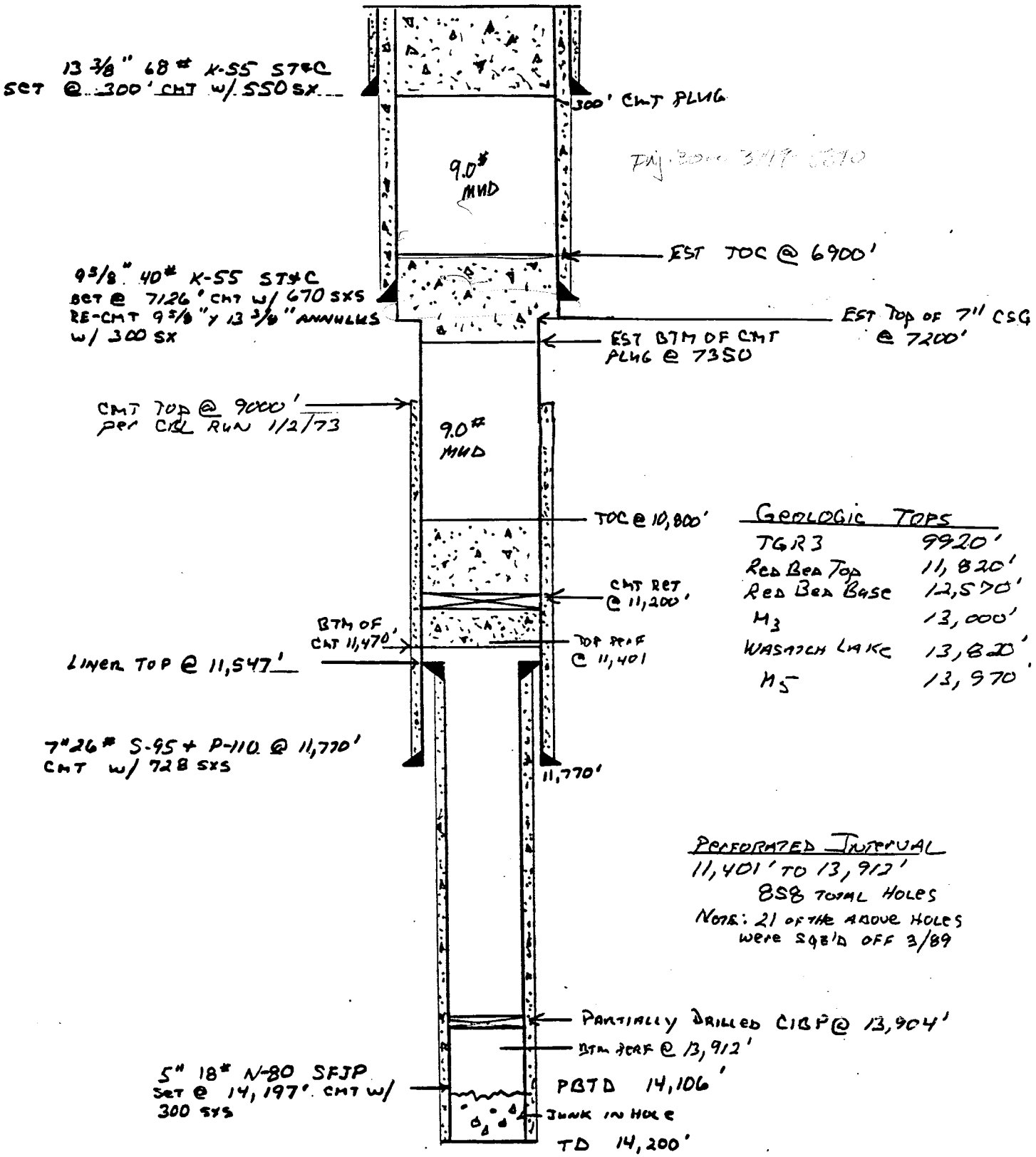
PERFORATED INTERVAL

11,401' TO 13,912'
858 TOTAL HOLES
NOTE: 21 OF THE ABOVE HOLES WERE SQZ'D OFF 3/89

S. PRUTCH
8/6/93

P&A

PROPOSED WELLBORE SCHEMATIC
EHRICH #1-11B5
SECTION 11, T2S, R5W
DUCHESNE COUNTY, UTAH



GEOLOGIC TOPS	
TGR3	9920'
RED BED TOP	11,820'
RED BED BASE	12,570'
M_3	13,000'
WASATCH LAKE	13,820'
M_5	13,970

PERFORATED INTERVAL
11,401' TO 13,912'
858 TOTAL HOLES
NOTE: 21 OF THE ABOVE HOLES WERE SQZ'D OFF 3/89

RECEIVED
NOV 16 1993
DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ABANDONMENT OPERATIONS

COMPANY NAME: ANR PRODUCTION COMPANY, INC.

WELL NAME: EHRICH # 1-11B5

QTR/QTR: SE/NE SECTION: 11 TOWNSHIP: 2S RANGE: 5W

COUNTY: DUCHESNE API NO: 43-013-30157

CEMENTING COMPANY: BASIN CONCRETE WELL SIGN: YES

INSPECTOR: INGRAM TIME: 3:00 PM DATE: 11/9/93

==========

CEMENTING OPERATIONS: PLUGBACK: _____ SQUEEZE: _____ P&A WELL: Y

SURFACE PLUG: 0-300 FT INTERMEDIATE PLUG: 4810 - 5110 +

BOTTOM PLUG SET @: 11,191 WIRELINE: _____ MECHANICAL: YES

PERFORATIONS: _____ SQUEEZE PRESSURE: _____

==========

CASING SIZE: SURFACE: 13 3/8" PRODUCTION: 7"
GRADE: SURFACE: 68# K-55 PRODUCTION: 26# S-95, P-110

PRODUCTION CASING TESTED TO: 1200 PSI TIME: 15 MIN:

==========

SLURRY INFORMATION: (INCLUDE NO. OF SACKS CLASS AND ADDITIVES)

1. SURFACE PLUG: 0-300 FEET (PUMPED 50 SKS 'G' @ 308 FEET).

2. INTERMEDIATE PLUGS: (#1) 40 BBL (OR 200 SKS) OF 'G' W/2%CC; (#2 PLUG) PUMPED 100 SACKS 'G' W/2% CC & CLOSED RAMS.

3. BOTTOM PLUG: PUMPED 52 SACKS CLASS 'G' BELOW RETAINER

4. CEMENT ON TOP OF PLUG: PUMPED 75 SACKS 'G'ON RETAINER TOP.

5. ANNULUS CEMENTED: TOPPED W/110 SACKS OF 'G' TIL FULL

6. FLUID IN WELL BORE: 9.0 PPG MUD HAULED FROM 1-27

==========

ABANDONMENT MARKER SET:

PLATE: _____ PIPE: YES CORRECT INFORMATION: YES

REHABILITATION COMPLETED: 1994

==========

COMMENTS: TESTED 7' CASING TO 1200 PSI BEFORE PLUGGING (GOOD). TESTED 9 5/8 AND 7" CASING STUB TOP TO 550 PSI FOR 15 MIN. (GOOD) STUB TOP IS 5110. TAGGED CEMENT TOP ABOVE STUB @ 4810.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number: Patented
6. If Indian, Allottee or Tribe Name: N/A
7. Unit Agreement Name: N/A
8. Well Name and Number: Ehrich #1-11B5
9. API Well Number: 43-013-30157
10. Field and Pool, or Wildcat: Altamont

1. Type of Well: OIL [X] GAS [ ] OTHER:

2. Name of Operator: ANR Production Company

3. Address and Telephone Number: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well
Footages: 2390' FNL & 1035' FEL
QQ, Sec.,T.,R.,M.: SE/NE Section 11, T2S-R5W
County: Duchesne
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] Other ______
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start ______

SUBSEQUENT REPORT
(Submit Original Form Only)

- [X] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Other ______
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion 11/9/93

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history and cement verification report for the procedure performed to plug and abandon the subject well. P&A was witnessed by Dennis Ingram, State of Utah. Well P&A'd on 11/9/93.

13.
Name & Signature: Joe Adamski (signature) Title: Environmental & Regulatory Analyst Date: 12/30/93

(This space for State use only)

(12\92)

(See Instructions on Reverse Side)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

EHRICH #1-11B5 (PLUG & ABANDONMENT)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 90.0% ANR AFE: 64841
TD: 14,200' PBTD: 14,106'
5" LINER @ 11,547'-14,197'
CWC(M$): 54.5

11/1-9/93 Well P&A'd. MIRU Wisco on 10/30/93. POH & LD 116 - 1", 127 - 7/8", 157 - 3/4", 20 - 1" rods & pump. ND WH, NU BOP. POH w/2 7/8" tbg. RIH w/7" CICR, set @ 11,191'. Circ hole w/9 ppg mud. Test csg to 1000#, OK. Pump 50 sx cmt below retainer & spot 75 sx on top (total plug @ 10,791'-11,470'). POH. RU WL, run freepoint - free @ 7900'. Cut 7" csg @ 7139' - would not come free. Re-cut 7" @ 5110', LD csg. NU BOP. RIH w/open ended 2 7/8" tbg to 5260'. Spot 200 sx cmt from 5260'. Test plug to 500#, OK. POH. RIH w/9 5/8" pkr to 4875'. Set pkr, test csg to 750#. TIH. Tag TOC @ 5110'. TOH. RIH open ended to 4000', spot 100 sx from 4850'-5100'. PT csg to 500#, OK. TIH, tag plug @ 4810'. Spot 135 sx sfc plug @ sfc to 308'. Cut off WH & csg BGL. Fill 9 5/8" x 13 3/8" annulus w/cmt. Weld on plate. (Cmt - Class "G" neat, 1.15 CF/sx yield, 15.6 ppg.) P&A witnessed by Dennis Ingram, State of Utah. Weld on DHM. Well P&A'd on 11/9/93. Final report.
TC: $24,328

WILLISTON INDUSTRIAL SUPPLY CORP.
Post Office Box 2477 • Highway 2, North Williston

Telephone (701) 572-2135
FAX (701) 572-0664
Williston, ND 58802-2477

SERVING THE OIL FIELDS IN THE WILLISTON BASIN

Best Copy

January 08 1993

Final Report

ATTN: Marc Ernest

RE: Ehrich 1-1185

Utah rep: Dennis Ingram

WISCO: Harlan Hodge

Date plugged: 11-09-93

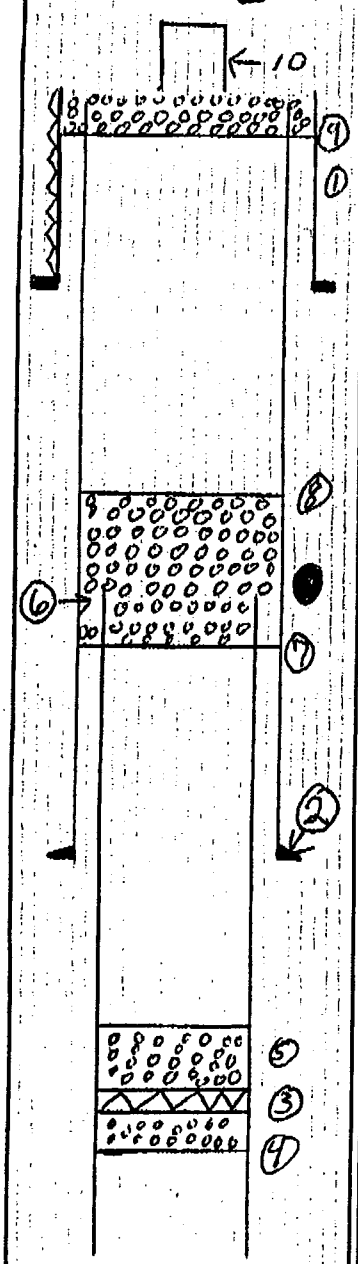
Permanently abandoned as follows:

(1) CICR @ 11,191'
(2) 50 sx squeeze(11,191'-11,461').
(3) Cap CICR with 75 sx (11,191'-10,791').
(4) Roll hole with 9.0 #/gal mud.
(5) Cut and pull casing from 5110'. ? 5260'
(6) 300 sx balanced plug (4810'-6~~[illegible]~~').
(7) 135 sx balanced plug (surface-308').
(8) Dry hole marker @ surface

All cement class G neat- 1.15 yield/ 15.6 #/ gal slurry weight.

The above is true to the best of my knowledge

WELL PROFILE



OPERATOR Coastal
WELL # ENRICH 1-11-B5
FIELD ALTAMONT
COUNTY Duchesne
STATE UT
DATE 11-10-93
☐ NEW COMPLETION ☑ ~~WORKOVER~~ P&A

	Casing	Liner	Tubing	
SIZE				
WEIGHT				
GRADE				
THREAD				
DEPTH				

ITEM NO.	EQUIPMENT AND SERVICES	
1	13 3/8 Surface Casing Set To 300'	
2	9 5/8 Casing Set To 7126'	
3	7" Cement Retainer @ 11,191'	
4	Bottom Cement Plug 11,461' } 125 SK	
5	Top of Cement Plug 10,791' }	
6	7" Casing Stub 5110'	
7	Bottom of Cement Plug 5260' } 300 SK	
8	Top of Cement Plug 4810' }	
9	Bottom of Surface Plug 308' } 135 SK	
10	Dry Hole Marker	
	ALL CMT IS CLASS G NEAT – 15.6 PPG, 1.15 CF/SK YIELD	

COMMENTS:

Tested Drop Squeeze @ 11,191' TO 1000 PSI Held OK Per Dennis Ingram/ ST of UT

Tested 5110' Balanced Plug To 500 PSI Held OK Per Dennis Ingram/ ST of UT

Weld Dry Hole Marker on 11-9-93

PREPARED BY	OFFICE	PHONE
Harlan Hodge/Wisco	1-800-437-2075	

Williston ND

MOUNTAIN STATES OIL TOOLS